



Pratts
FARM
ALMANAC

for the year of our Lord

1920

*and the 144th year of the
Independence of the United States*

Compiled, Created and Published by
PRATT FOOD COMPANY

CHICAGO

PHILADELPHIA

TORONTO

Established 1872



THE PRATT FOOD COMPANY maintains its established position of leadership, after nearly half a century of business service, because of the sustained good will of those whom it serves.

Better products than anyone else could produce, plus expert, personal, whole-hearted service, built that good will. And retained it through all these years.

It was the constant aim and effort of those who founded this business, and of those who have carried out the founders' work to the present, to anticipate the needs of the industry, to co-operate with the individuals in it, to show their vital interest in the success of their customers.

These principles of business practice won the good will that established this company as the authority in its important field.

Our future success depends upon the continuance of that good will. Our appreciation of that fact is your best assurance that in the future the services of this company, as well as the superiority of its products, will justify the confidence and good will of the thousands to whom the name of *Pratt* is but another name for *Quality and Service*.

Pratts,

FARM ALMANAC

1920

THE TWELVE SIGNS OF THE ZODIAC
and Their Relation to the Human Anatomy

 Aries
or Ram
Head & Face

 Taurus
or Bull
The Neck

 Gemini
or Twins
The Arms

 Cancer
or Crab
The Breast

 Leo
or Lion
The Heart

 Virgo
or Virgin
The Bowels



 Libra
or Balance
The Reins

 Scorpio
or Scorpion
The Secrets

 Sagittarius
or Bowman
The Thighs

 Capricornus
or Goat
The Knees

 Aquarius
or Waterman
The Legs

 Pisces
or Fishes
The Feet

PRATT FOOD COMPANY

Main Offices and Eastern Factory:

124, 126, 128, 130, 132, 134 Walnut Street, PHILADELPHIA, PA., U. S. A.

Canadian Factory:

TORONTO, CANADA

Western Factory:

CHICAGO, ILL.

Agencies in

GREAT BRITAIN HOLLAND SPAIN AUSTRALIA NEW ZEALAND
SOUTH and CENTRAL AMERICA and the WEST INDIES
SAN FRANCISCO LOS ANGELES HAWAII PHILIPPINE ISLANDS

JANUARY

1st Month

1920

	Moon's Phases			Eastern Time			Central Time			Mountain Time			Pacific Time		
				d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Full Moon.....				5	4	5 E.	5	3	5 E.	5	2	5 E.	5	1	5 E.
☾ Last Quarter.....				12	7	9 E.	12	6	9 E.	12	5	9 E.	12	4	9 E.
☾ New Moon.....				21	0	27 M.	20	11	27 E.	20	10	27 E.	20	9	27 E.
☾ First Quarter.....				28	10	38 M.	28	9	38 M.	28	8	38 M.	28	7	38 M.

Day of Mo.	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.					
				Sun Rises	Sun Sets	Moon Sets	Sun Rises	Sun Sets	Moon Sets						
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.						
1	Th.	☾	☾	7 30	4 37	2 35	7 3	5 5	2 16	New Year's Day					
2	Fri.	☾	☾	7 30	4 38	3 45	7 3	5 5	3 22	Edmund Burke born, 1730					
3	Sat.	☾	☾	7 30	4 39	4 56	7 4	5 6	4 31	☉ In Perihelion					
4	Sun.	☾	☾	7 30	4 40	6 17	7 4	5 6	5 35	2d Sunday after Christmas					
5	M.	☾	☾	7 30	4 41	Rises	7 4	5 7	Rises	West Indies discovered, 1492					
6	Tu.	☾	☾	7 29	4 42	6 37	7 4	5 7	6 23	Epiphany					
7	W.	☾	☾	7 30	4 43	7 16	7 4	5 8	7 30	♂ ♀ ♀					
8	Th.	☾	☾	7 30	4 44	8 27	7 4	5 9	8 36	Fowler financial bill int. in House, 1908					
9	Fri.	☾	☾	7 29	4 45	9 36	7 4	5 10	9 39	♂ ♀ ♀					
10	Sat.	☾	☾	7 29	4 46	10 39	7 4	5 11	10 35	Pres. Harper, U. of Chicago, died, 1906					
11	Sun.	☾	☾	7 29	4 47	11 44	7 4	5 12	11 34	1st Sunday after Epiphany					
12	M.	☾	☾	7 29	4 48	morn	7 4	5 22	morn	Amer. Fleet at Rio de Janeiro, 1908					
13	Tu.	☾	☾	7 29	4 49	0 47	7 4	5 13	0 32	♂ ♂ ☾ ♀ ♂ ☾					
14	W.	☾	☾	7 28	4 50	1 48	7 3	5 14	1 28	Treaty of Peace ratified, 1784					
15	Th.	☾	☾	7 28	4 52	2 46	7 3	5 15	2 23	Edw. Everett died, 1865					
16	Fri.	☾	☾	7 27	4 53	3 42	7 3	5 16	3 16	Miner's strike dec. in Germany, 1905					
17	Sat.	☾	☾	7 27	4 54	4 35	7 3	5 17	4 8	Ruth. B. Hayes died, 1893					
18	Sun.	☾	☾	7 26	4 55	5 24	7 2	5 18	4 56	2d Sunday after Epiphany					
19	M.	☾	☾	7 26	4 56	6 7	7 2	5 19	5 42	Jas. Watt born, 1736					
20	Tu.	☾	☾	7 25	4 58	6 46	7 2	5 20	6 23	♂ ♀ ☾					
21	W.	☾	☾	7 24	4 59	sets	7 1	5 21	sets	Prof. Elisha Gray died, 1901					
22	Th.	☾	☾	7 23	5 0	6 48	7 1	5 22	7 0	Lord Bacon born, 1561					
23	Fri.	☾	☾	7 22	5 1	7 53	7 1	5 23	8 1	Strikers in St. Petersburg in ins., 1905					
24	Sat.	☾	☾	7 21	5 2	9 17	7 0	5 24	9 1	Swedenborg born, 1688					
25	Sun.	☾	☾	7 21	5 3	10 57	7 0	5 25	9 59	3d Sunday after Epiphany					
26	M.	☾	☾	7 20	5 5	11 13	6 59	5 26	11 2	Dest. earthquake on Isl. of Bali., 1917					
27	Tu.	☾	☾	7 20	5 6	morn	6 59	5 27	morn	Pres. of Costa Rica deposed, 1917					
28	W.	☾	☾	7 19	5 7	0 23	6 58	5 28	0 6	Gomez Inaug. Pres. of Cuba, 1908					
29	Th.	☾	☾	7 18	5 9	1 32	6 58	5 29	1 10	Pres. Wilson vetoes Immigrat. Bill 1917					
30	Fri.	☾	☾	7 17	5 10	2 40	6 57	5 30	2 15	Gov.-elect. Goebel of Ken., shot, 1900					
31	Sat.	☾	☾	7 16	5 12	3 45	6 57	5 31	3 20	Prince Ching, Pr. of China, died, 1917					

Weather Forecast—January

1st to 3d—COLD PERIOD. Cold nights and blustery weather generally prevalent in southwestern and central sections. Clear in northwest.

4th to 9th—WARM WAVE. Bright, fair weather at points in southwest, the Gulf and south Atlantic States. Soft, slushy conditions over central and eastern sections.

10th to 14th—STORM WAVE. Windy in southern and southeastern sections. Rain, high wind and blizzard storms in north Pacific States and the Rocky Mountain region.

15th to 18th—COLD PERIOD. Sudden fall in temperature at all points over northern, central and eastern sections. Freezing temperature as far south as northern Texas, Louisiana, Mississippi and Alabama.

19th to 21st—MILD WAVE. Clear, fair weather at most points east, south and west. Mist and fog over states of the Pacific slope.

22d to 25th—STORM PERIOD. Heavy rain storms over sections extending from Texas northeastward to the Carolinas and Virginia. Much fog and dampness over the Lake states and New England.

26th to 28th—WINDY SPELL. High wind over all states of the southwest and middle-west and northeast.

29th to 31st—FAIR PERIOD. Clear days with life-inspiring sunshine over southwest, Gulf and South Atlantic States. Cloudy and misty over states of the north Pacific slope, the Great Lakes and New England.

Rates of Postage

Be sure that all letters and parcels mailed have proper amount of postage on them, to save annoyance and inconvenience to yourself and the postal employees.

First-Class—Letters and other matter, wholly or partly in writing, and matter sealed or otherwise closed against inspection, 2 cents for each ounce or fraction thereof.

Post cards and postal cards, 1 cent each.

Second - Class — Unsealed — Newspapers and periodical publications of the second class, when sent by others than the publisher or a news agent, 1 cent for each four ounces or fraction thereof, on each separately addressed copy or package of unaddressed copies, to be prepaid by stamps affixed.

To be entitled to the rate of 1 cent for four ounces, copies of newspapers or periodical publications must be complete. Partial or incomplete copies are third-class matter.

Third-Class — Unsealed — Printed matter, 1 cent for each two ounces or fraction thereof, on each individually addressed piece or parcel.

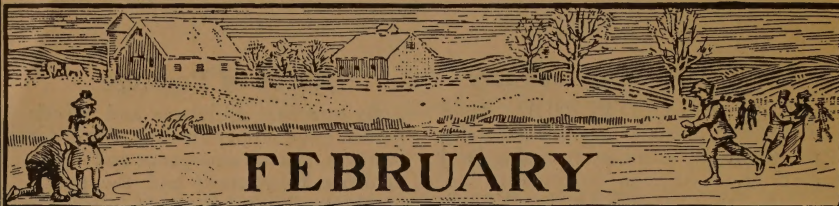
Fourth-Class Matter—Embraces that known as domestic parcel post mail, and includes merchandise, farm and factory products, seeds, cuttings, bulbs, roots, scions and plants, books, catalogues and miscellaneous printed matter weighing more than 4 pounds and all other mailable matter not embraced in the 1st, 2d and 3d classes.

(Continued on Page 5, right hand column)

YOUR Hens are willing to lay—just insure fullest health and vigor by using **PRATTS POULTRY REGULATOR**

Aids digestion, builds health, increases egg yield. Healthier flocks, more eggs, stronger chicks.

"Your Money Back If YOU Are Not Satisfied"



2d Month

1920

	Moon's Phases	Eastern Time			Central Time			Mountain Time			Pacific Time		
		d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾	Full Moon.....	4	3	42	M.	4	2	42	M.	4	1	42	M.
☾	Last Quarter.....	11	3	49	E.	11	2	49	E.	11	1	49	E.
☾	New Moon.....	19	4	35	E.	19	3	35	E.	19	2	35	E.
☾	First Quarter.....	26	6	50	E.	26	5	50	E.	26	4	50	E.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises h. m.	Sun Sets h. m.	Moon Sets h. m.	Sun Rises h. m.	Sun Sets h. m.	Moon Sets h. m.	
1 Sun.	☾	☾	7	15	5 13	4 46	6 56	5 32	4 20	Septuagesima Sunday
2 M.	☾	☾	7	14	5 15	5 37	6 56	5 32	5 13	Candlemas
3 Tu.	☾	☾	7	13	5 16	rises	6 55	5 33	rises	♂ ♀ ☾
4 W.	☾	☾	7	11	5 17	6 3	6 54	5 34	6 14	♂ ♀ ☾
5 Th.	☾	☾	7	10	5 18	7 13	6 53	5 35	7 19	♂ ♀ ☾
6 Fri.	☾	☾	7	9	5 19	8 19	6 52	5 36	8 19	♂ ♀ ☾
7 Sat.	☾	☾	7	8	5 20	9 26	6 51	5 37	9 19	Brit. force Ger. from Grandcourt, 1917
8 Sun.	☾	☾	7	7	5 22	10 32	6 50	5 38	10 20	Sexagesima Sunday
9 M.	☾	☾	7	6	5 23	11 34	6 49	5 39	11 17	Alfred von Mengel, artist, died, 1905
10 Tu.	☾	☾	7	5	5 25	morn	6 48	5 40	morn	♂ ♂ ☾
11 W.	☾	☾	7	4	5 26	0 34	6 47	5 41	0 13	Insurrections break out in Cuba, 1917
12 Th.	☾	☾	7	2	5 27	1 32	6 46	5 42	1 7	Mrs. Pauline Durant, died, 1917
13 Fri.	☾	☾	7	1	5 29	2 27	6 45	5 43	2 0	Von Bulow died, 1894
14 Sat.	☾	☾	7	0	5 30	3 17	6 44	5 44	2 50	St. Valentine's Day
15 Sun.	☾	☾	6	58	5 31	4 2	6 44	5 45	3 36	Quinquagesima Sunday
16 M.	☾	☾	6	57	5 32	4 43	6 43	5 46	4 19	♂ ♀ ☾
17 Tu.	☾	☾	6	55	5 33	5 20	6 42	5 47	4 59	Shrove Tuesday
18 W.	☾	☾	6	54	5 35	5 54	6 41	5 48	5 37	Ash Wednesday
19 Th.	☾	☾	6	52	5 37	6 24	6 40	5 49	6 12	Australian Cabinet reorganized, 1917
20 Fri.	☾	☾	6	50	5 39	sets	6 39	5 50	sets	♂ ♀ ☾
21 Sat.	☾	☾	6	48	5 40	7 53	6 38	5 51	7 50	Rev. Chas. H. McKenna, died, 1917
22 Sun.	☾	☾	6	47	5 42	9 3	6 37	5 51	8 55	Quadragesima Sunday
23 M.	☾	☾	6	45	5 43	10 15	6 36	5 52	9 59	John Quincy Adams, died, 1848
24 Tu.	☾	☾	6	44	5 45	11 24	6 35	5 53	11 3	St. Matthias
25 W.	☾	☾	6	43	5 46	morn	6 34	5 54	morn	Ember Day
26 Th.	☾	☾	6	41	5 47	0 32	6 33	5 55	0 8	R. R. Livingston, died, 1816
27 Fri.	☾	☾	6	40	5 47	1 38	6 32	5 56	1 12	Ember Day ♂ ♀ ☾
28 Sat.	☾	☾	6	39	5 48	2 38	6 31	5 56	2 12	Ember Day
29 Sun.	☾	☾	6	38	5 49	3 30	6 30	5 57	3 4	2d Sunday in Lent

Weather Forecast—February

1st to 3d—MILD WAVE. Soft, mild weather over states of the Mississippi and Ohio river valleys and Middle Atlantic slope.

4th to 8th—STORM WAVE. Snow in Rocky Mountain region, the states of the northwest and those of the Great Lake border. Rain, sleet and snow at points in Central and Middle Atlantic States.

9th to 13th—COLD WAVE. Very cold weather generally prevalent in northern, central and eastern sections.

14th to 17th—FAIR PERIOD. Mild, pleasant weather for February at most points west of the Mississippi river. Soft, drizzly conditions from Gulf states northward to Maryland and Delaware. Slushy over Lake region and New England.

18th to 22d—BLUSTERY PERIOD. Rough, cold northwest winds sweeping over the Rocky Mountain region and states bordering on the Great Lakes. Freezing temperatures as far south as Oklahoma, Arkansas and Tennessee.

23d to 25th—SHOWERY WAVE. Dust storms and thunder gusts in states of the far southwest. Showery and mild, soft winds over Texas and Oklahoma, Arkansas and Louisiana.

26th to 29th—WARM PERIOD. Fine, pleasant conditions from California eastward to Georgia. Slushy conditions over Middle Atlantic and New England States.

(a) Parcels weighing 4 ounces or less, except books, seeds, plants, etc., 1 cent for each ounce or fraction thereof any distance.

(b) Parcels weighing 8 ounces or less containing books, seeds, cutting bulbs, roots, scions and plants, 1 cent for each 2 ounces or fraction thereof, any distance.

(c) Parcels weighing more than 8 ounces containing books, seeds, plants, etc., parcels of miscellaneous printed matter weighing more than 4 pounds, and all other parcels of 4th-class matter weighing more than 4 ounces, are chargeable at pound rates according to distance or zone, a fraction of a pound being considered a full pound.

Limit of Weight—Of fourth-class matter is 50 pounds for parcels mailed for delivery in the 1st and 2d zones and 20 pounds for all other zones.

Fourth-class or parcel post mail may be insured against loss—apply at the post-office.

Concealed Matter—Matter of a higher class enclosed with matter of a lower class subjects the whole package to the higher rate.

For knowingly concealing or enclosing any matter of a higher class in that of a lower class, and depositing or causing the same to be deposited in the mails, at a less rate than would be charged for such higher-class matter, the offender is liable to a fine of not more than one hundred dollars.

(Continued on Page 7, right hand column)

KEEP your stock up to the mark—your horses ready for any work, your cows giving the maximum flow and hogs putting on pork. Add

PRATTS ANIMAL REGULATOR

to the daily feed—the standard stock tonic endorsed by authorities.

“Your Money Back If YOU Are Not Satisfied”



3d Month

1920

Moon's Phases		Eastern Time			Central Time			Mountain Time			Pacific Time		
		d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Full Moon.....	☾	4	4	13	E.	4	3	13	E.	4	2	13	E.
☾ Last Quarter.....	☾	12	0	57	E.	12	11	57	M.	12	10	57	M.
☾ New Moon.....	☾	20	5	56	M.	20	4	56	M.	20	3	56	M.
☾ First Quarter.....	☾	27	1	45	M.	27	0	45	M.	26	11	45	E.

Day of Mo.	Day of Week	L. & D. Moon	Moon's Place	Calendar—N States Lat. 42° +			Calendar—S States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises h. m.	Sun Sets h. m.	Moon Sets h. m.	Sun Rises h. m.	Sun Sets h. m.	Moon Sets h. m.	
1	M.	☾	☾	6 37	5 50	4 16	6 29	5 57	3 55	St. David
2	Tu.	☾	☾	6 36	5 50	4 56	6 28	5 57	4 39	♂ ♀ ☾
3	W.	☾	☾	6 34	5 51	5 30	6 27	5 58	5 19	President's Salary Increased, 1909
4	Th.	☾	☾	6 33	5 52	rises	6 26	5 59	rises	♂ ♀ ☾
5	Fri.	☾	☾	6 31	5 53	7 6	6 25	6 0	7 2	Gould Railway Strike, 1886
6	Sat.	☾	☾	6 29	5 55	8 13	6 24	6 1	8 3	The Peterhoff sunk, 1864
7	Sun.	☾	☾	6 28	5 56	9 18	6 23	6 1	9 3	3d Sunday in Lent
8	M.	☾	☾	6 26	5 57	10 20	6 22	6 2	10 0	Amer. Marines landed at Santiago, 1917
9	Tu.	☾	☾	6 25	5 59	11 18	6 21	6 3	10 56	♂ ♂ ☾
10	W.	☾	☾	6 23	6 0	morn	6 20	6 3	11 49	Benj. West died, 1820
11	Th.	☾	☾	6 21	6 1	0 15	6 19	6 4	morn	Dest. tornado in Newcastle, Ind., 1917
12	Fri.	☾	☾	6 19	6 2	1 8	6 17	6 5	0 40	Gen. Thos. C. Sullivan died, 1908
13	Sat.	☾	☾	6 17	6 3	1 55	6 16	6 6	1 29	Battle of Alexandria, 1801
14	Sun.	☾	☾	6 16	6 4	2 36	6 15	6 6	2 13	4th Sunday in Lent
15	M.	☾	☾	6 14	6 5	3 16	6 13	6 7	2 54	A New Cabinet formed in Russia 1917
16	Tu.	☾	☾	6 12	6 7	3 51	6 12	6 8	3 32	John M. Studebaker died, 1917
17	W.	☾	☾	6 10	6 8	4 22	6 10	6 9	4 8	St. Patrick's Day
18	Th.	☾	☾	6 9	6 9	4 51	6 9	6 10	4 42	♂ ♀ ☾
19	Fri.	☾	☾	6 7	6 10	5 20	6 8	6 11	5 17	Yale College founded 1700
20	Sat.	☾	☾	6 5	6 11	sets	6 6	6 11	sets	Spring begins
21	Sun.	☾	☾	6 3	6 12	7 59	6 5	6 12	7 46	5th Sunday in Lent
22	M.	☾	☾	6 2	6 13	9 11	6 3	6 13	8 53	The dep. Czar Nicholas confined, 1917
23	Tu.	☾	☾	6 0	6 15	10 21	6 2	6 14	9 59	Nice Opera House burned, 1881
24	W.	☾	☾	5 59	6 16	11 30	6 1	6 15	11 4	Queen Elizabeth died, 1603
25	Th.	☾	☾	5 57	6 17	morn	5 59	6 15	morn	Simon C. Long died, 1917
26	Fri.	☾	☾	5 55	6 18	0 32	5 58	6 16	0 7	Edw. Bellamy, writer, born, 1850
27	Sat.	☾	☾	5 53	6 20	1 27	5 56	6 17	1 2	Florida disc. 1512
28	Sun.	☾	☾	5 52	6 21	2 14	5 55	6 17	1 52	Palm Sunday
29	M.	☾	☾	5 50	6 22	2 55	5 54	6 18	2 38	♂ ♀ ☾
30	Tu.	☾	☾	5 48	6 23	3 31	5 53	6 19	3 18	Dr. David H. Browne died 1917
31	W.	☾	☾	5 46	6 24	4 1	5 52	6 19	3 53	♂ ♀ ☾

Weather Forecast—March

1st to 4th—CLOUDY PERIOD.

Mist and fog generally prevalent in states bordering on the Gulf of Mexico and the south Atlantic Ocean. Cloudy and threatening over the northwest with general rains over the Lake region and New England.

5th to 8th—STORM WAVE.

High winds with thunder gusts and rain over southwestern and central sections. Fog and dampness over states of the north Pacific slope.

9th to 12th—BRIGHT PERIOD.

Sharp cold nights over section extending eastward from New Mexico and Colorado to the Carolinas and Virginia.

13th to 17th—STORM WAVE.

Rain, sleet and snow over sections of the Rocky Mountain region, the middle west and Middle Atlantic States. Strong gales over Great Lakes and north Atlantic

18th to 22d—COLD. Squally and generally March-like conditions in the northwest and middle west. Freezing temperature as far south as Oklahoma, Kentucky and Tennessee. Stormy weather over the Great Lakes.

23d to 27th—MILD WAVE.

Pleasant conditions with soft, balmy winds from the west and southwest. General rain period for states of the north Pacific slope.

28th to 31st—RAIN PERIOD.

Heavy showers locally in Kansas, Missouri, Kentucky and Tennessee. Showery over Lake region, the Middle Atlantic and New England states.

Classifications

Domestic Mail Matter—Domestic mail matter includes matter deposited in the mails for local delivery, or for transmission from one place to another within the United States, or to or from or between Porto Rico, Hawaii, The Philippine Archipelago, Guam, Tutuila, and the Canal Zone, and is divided into four classes:

First—Written and sealed matter, postal cards and private mailing cards.

Second—Periodical publications.

Third—Miscellaneous printed matter (on paper).

Fourth—All matter not included in previous classes.

Domestic rates and conditions apply to mail matter addressed to officers or members of the crew of vessels of war of the United States, to matter sent to the United States Postal Agency at Shanghai, China, and, with certain exceptions, to that sent to Canada, Cuba, Mexico, and the Republic of Panama. The domestic rate applies also to letters but not to other articles, addressed to Great Britain and Ireland.

First - Class Matter — First - class matter includes written matter, namely: letters, postal cards, post cards (private mailing cards), and all matter wholly or partly in writing, whether sealed or unsealed (except manuscript copy accompanying proof-sheets or
(Continued on Page 9, right hand column.)

START them on it their first feed and keep them on it regularly as they grow—you'll see your baby chicks thrive as never before, on

PRATTS BUTTERMILK BABY CHICK FOOD

A scientific food that gives youngsters the strongest kind of start. It's Life Insurance for Baby Chicks.

"Your Money Back If YOU Are Not Satisfied"





4th Month

1920

	Moon's Phases	Eastern Time			Central Time			Mountain Time			Pacific Time		
		d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾	Full Moon.....	3	5	55	M.	3	4	55	M.	3	3	55	M.
☾	Last Quarter.....	11	8	24	M.	11	7	24	M.	11	6	24	M.
☾	New Moon.....	18	4	43	E.	18	3	43	E.	18	2	43	E.
☾	First Quarter.....	25	8	28	M.	25	7	28	M.	25	6	28	M.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Sets	Sun Rises	Sun Sets	Moon Sets	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	Th.	☾	♏	5 44	6 25	4 30	5 50	6 20	4 28	All Fools' Day
2	Fri.	☾	♏	5 43	6 26	5 1	5 49	6 20	5 5	Good Friday
3	Sat.	☾	♏	5 42	6 28	rises	5 48	6 21	rises	Gen. Ellis Spear died, 1917
4	Sun.	☾	♏	5 40	6 29	8 7	5 46	6 22	7 48	Easter Sunday
5	M.	☾	♏	5 38	6 30	9 6	5 45	6 22	8 45	♂ ♀ ☾
6	Tu.	☾	♏	5 36	6 31	10 4	5 44	6 23	9 40	The U. S. enters the War, 1917
7	W.	☾	♏	5 34	6 32	10 59	5 42	6 24	10 32	Cuba enters the War, 1917
8	Th.	☾	♏	5 32	6 33	11 48	5 41	6 25	11 21	Richard Olney died, 1917
9	Fri.	☾	♏	5 31	6 34	morn	5 39	6 25	morn	Gen. R. E. Lee surrendered, 1865
10	Sat.	☾	♏	5 29	6 35	0 32	5 38	6 26	0 7	Fire in Pittsburgh, 1845
11	Sun.	☾	♏	5 27	6 36	1 11	5 37	6 27	0 48	Low Sunday
12	M.	☾	♏	5 26	6 37	1 48	5 35	6 27	1 28	Gen. J. F. Grant died, 1905
13	Tu.	☾	♏	5 24	6 38	2 20	5 34	6 28	2 4	Bolivia sev. dip. rel. with Germany, 1917
14	W.	☾	♏	5 23	6 40	2 49	5 33	6 29	2 37	Horace Bushnell born, 1802
15	Th.	☾	♏	5 21	6 41	3 17	5 32	6 29	3 12	Massacre of Christians in Turkey, 1909
16	Fri.	☾	♏	5 19	6 42	3 50	5 31	6 30	3 50	♂ ♀ ☾
17	Sat.	☾	♏	5 18	6 43	4 20	5 30	6 31	4 27	♂ ♀ ☾
18	Sun.	☾	♏	5 16	6 44	4 52	5 29	6 31	5 5	2d Sunday after Easter
19	M.	☾	♏	5 14	6 45	sets	5 28	6 32	sets	Prem. Romanones of Spain, resigns, 1917
20	Tu.	☾	♏	5 13	6 47	9 13	5 27	6 33	8 49	Big Fire in Toronto, 1904
21	W.	☾	♏	5 11	6 48	10 21	5 25	6 33	9 56	♂ ♀ ☾
22	Th.	☾	♏	5 10	6 49	11 20	5 24	6 34	10 56	Ada Rehan, actress, born, 1859
23	Fri.	☾	♏	5 8	6 50	morn	5 23	6 35	11 48	St. George
24	Sat.	☾	♏	5 6	6 51	0 11	5 21	6 36	morn	Oliver Cromwell born, 1509
25	Sun.	☾	♏	5 5	6 52	0 55	5 20	6 36	0 37	3d Sunday after Easter
26	M.	☾	♏	5 3	6 53	1 32	5 19	6 37	1 18	Battle of Yalu, 1904
27	Tu.	☾	♏	5 2	6 54	2 5	5 18	6 38	1 56	♂ ♀ ☾
28	W.	☾	♏	5 1	6 55	2 32	5 17	6 38	2 30	Jas. Monroe born, 1758
29	Th.	☾	♏	4 59	6 56	3 4	5 16	6 39	3 6	☾ ☾ ☾
30	Fri.	☾	♏	4 58	6 58	3 31	5 15	6 39	3 39	Princess Juliana born, 1909

Weather Forecast—April

1st to 3d—**THUNDER STORMS.** Severe storms in Texas, Oklahoma and Arkansas. Floods in Tennessee and Cumberland river basins. Warmth at most points in southern, central and eastern sections.

4th to 8th—**RAIN PERIOD.** Showery in states of the far southwest. Cloudy and foggy in Gulf and south Atlantic States. Stormy in the north-west and upper Lake region.

9th to 13th—**COOL PERIOD.** Cold, backward period at many points in the west and northwest. Stiff frosts as far south as Nebraska, Iowa, Missouri, Illinois and Indiana.

14th to 17th—**FAIR WAVE.** Clear and windy with dry conditions in Colorado, Wyoming, Kansas, Nebraska and the Dakotas. Spring-like warmth in states of the south and southwest.

18th to 21st—**SHOWERY WAVE.** Much fog and dampness in southern and central sections. Thunder showers in Texas, Oklahoma, Arkansas and Missouri.

22d to 25th—**WARM SPELL.** Dry and dusty over New Mexico, Colorado, Kansas, Nebraska and Wyoming. Summer-like warmth at all points south and east.

26th to 30th—**RAIN WAVE.** Stormy and unsettled over north Pacific slope, the Rocky Mountain region and states on the Canadian border. Thunder storms in Missouri, Tennessee, Kentucky and Illinois.

corrected proof-sheets of the same and the writing authorized by law to be placed upon matter of other classes). Also, all matter sealed or otherwise closed against inspection.

Second-Class Matter—Second-class matter includes newspapers and periodicals bearing notice of entry as second-class matter.

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GROW your calves the Pratt way. The world needs them. You can bring 'em along in fine shape and sell your milk, too, by feeding

PRATTS CALF MEAL

the "better than milk" food, because it does not vary like cows milk. It's made "just right" so the young calves can eat it without any danger of indigestion or bowel trouble, and yet steady and rapid growth is realized.

"Your Money Back If YOU Are Not Satisfied"



5th Month

1920

Moon's Phases		Eastern Time			Central Time			Mountain Time			Pacific Time		
		d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Full Moon.....		2	8	47	E.	2	7	47	E.	2	6	47	E.
☾ Last Quarter.....		11	0	51	M.	10	11	51	E.	10	10	51	E.
☾ New Moon.....		18	1	25	M.	18	0	25	M.	17	11	25	E.
☾ First Quarter.....		24	4	7	E.	24	3	7	E.	24	2	7	E.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS. ETC.
				Sun Rises	Sun Sets	Moon Sets	Sun Rises	Sun Sets	Moon Sets	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Sat.	☾	♍	4 56	6 59	3 58	5 14	6 40	4 11	♂ ☾ ☾	St. Philip and St. James
2 Sun.	☾	♋	4 55	7 0	rises	5 13	6 41	rises		4th Sunday after Easter
3 M.	☾	♋	4 53	7 1	7 54	5 12	6 42	7 31		Columbus discovered Jamaica, 1494
4 Tu.	☾	♋	4 52	7 2	8 50	5 11	6 43	8 25		Dip.rel.bet.U.S.and Venezuela res., 1909
5 W.	☾	♋	4 50	7 3	9 41	5 10	6 44	9 15		Anarchist riot in Chicago, 1886
6 Th.	☾	♋	4 49	7 4	10 27	5 10	6 45	10 2		Battle of Oswego, 1814
7 Fri.	☾	♋	4 48	7 5	11 8	5 9	6 45	10 45		Socrates died, B. C., 399
8 Sat.	☾	♋	4 47	7 6	11 46	5 8	6 46	11 25		Eruption of Mt. Pelee, 1902
9 Sun.	☾	♋	4 46	7 7	morn	5 7	6 47	morn		Rogation Sunday
10 M.	☾	♋	4 45	7 8	0 19	5 6	6 48	0 1		Battle of Lodi, 1796
11 Tu.	☾	♋	4 44	7 9	0 49	5 5	6 48	0 36		Tornado killed many in Okla., 1905
12 W.	☾	♋	4 43	7 10	1 16	5 4	6 49	1 8		Charleston surrendered, 1780
13 Th.	☾	♋	4 42	7 11	1 42	5 4	6 49	1 41		Ascension Day
14 Fri.	☾	♋	4 41	7 12	2 16	5 3	6 50	2 20		Indiana coal miners strike, 1908
15 Sat.	☾	♋	4 40	7 13	2 46	5 2	6 51	2 55		English land at Cape Cod, 1602.
16 Sun.	☾	♋	4 39	7 14	3 22	5 2	6 51	3 37		Sunday after Ascension
17 M.	☾	♋	4 38	7 15	4 4	5 1	6 52	4 24	♂ ♀ ☾ ♂ ♀ ☾	
18 Tu.	☾	♋	4 37	7 16	sets	5 1	6 53	sets		O'Brien mobbed, 1887
19 W.	☾	♋	4 36	7 17	9 6	5 0	6 53	8 41		Anne Boleyn beheaded, 1536
20 Th.	☾	♋	4 35	7 18	10 4	5 0	6 54	9 39		Columbus died, 1506
21 Fri.	☾	♋	4 34	7 19	10 52	4 59	6 55	10 31		Destructive fires in Atlanta, Ga., 1917
22 Sat.	☾	♋	4 33	7 20	11 33	4 58	6 55	11 16		Joffre arr. in France from U. S., 1917
23 Sun.	☾	♋	4 32	7 21	morn	4 58	6 56	11 57		Pentecost—Whit Sunday ♂ ♀ ☾
24 M.	☾	♋	4 32	7 22	0 6	4 57	6 57	morn		The Italians capt. 9000 Austrians, 1917
25 Tu.	☾	♋	4 31	7 23	0 37	4 57	6 57	0 32	♂ ♀ ☾ ♂ ♀ ☾	
26 W.	☾	♋	4 30	7 24	1 8	4 56	6 58	1 8		Ember Day. ♀ ♀ ☾
27 Th.	☾	♋	4 30	7 25	1 36	4 56	6 59	1 41		The Italians cross Timavo River, 1917
28 Fr.	☾	♋	4 29	7 26	2 3	4 55	6 59	2 14		Ember Day. ♂ ♂ ☾
29 Sat.	☾	♋	4 29	7 27	2 32	4 55	7 0	2 48		Ember Day
30 Sun.	☾	♋	4 28	7 27	3 5	4 54	7 1	3 25		Trinity Sunday
31 M.	☾	♋	4 27	7 28	3 41	4 54	7 1	4 4		Joan of Arc burned, 1431

Weather Forecast—May

1st to 4th—COOL WAVE. Fair weather with local frosts in northwest portion. Cool nights and mornings in western and southwestern sections. Cool for May in Central, Middle Atlantic and New England States.

5th to 8th—SHOWERY PERIOD. General rainfall over New Mexico, Texas, Arkansas, Oklahoma, Colorado, Kansas and Missouri. Thunder showers with high wind in Tennessee, Kentucky, Ohio and the Virginias.

9th to 12th—SULTRY WAVE. General drouth in Montana, the Dakotas, Nebraska and Wyoming. Advanced heat in the central Mississippi and Ohio river valleys.

13th to 17th—THUNDER STORMS. Destructive wind, rain and hail at points in southwest and middlewest. Local tornado storms in Texas, Oklahoma, Kansas, Missouri and Iowa. Damp, cloudy and rainy period for Georgia, the Carolinas, Virginia, Maryland and Pennsylvania.

18th to 22d—COOL SPELL. Dull, damp and cool weather in all sections of the northwest, middlewest and northeastern portions.

23d to 27th—CLEAR PERIOD. Very windy spell over states of the Pacific slope, the Interior Basin and Rocky Mountain region. Bright, clear skies at most points in southern, middle and eastern sections.

28th to 31st—STORM WAVE. Local showers over southern and central states. Rather dry and dusty in states of the northwest and far west.

General Spray Calendar

Varying conditions throughout the country make absolute rules for spraying difficult, but in general the following may be observed with satisfactory results:

Insecticides for destroying insects and fungicides for controlling diseases, are the two usual materials employed. Poisons, usually Paris Green or Arsenate of Lead, are used for eating insects; and contact insecticides such as Lime-Sulphur or Kerosene Emulsion for those insects that do injury by sucking.

Fungicides, to control diseases, include Bordeaux Mixture, summer-strength, Lime-Sulphur and self-boiled Lime-Sulphur Solutions. To save time and separate spraying, Arsenate of Lead is frequently added to the above as is also Black Leaf 40.

When spraying, *Spray thoroughly*: One good application is worth two or three partial ones.

Spraying is a preventive. Do it promptly and regularly.

Watch your trees or plants, and the product: see that the right spray is used and definite results secured.

Apple, Pear and Quince

1. When the leaf buds show green use dormant strength Lime-Sulphur; to control San Jose scale, Tent Caterpillar eggs, and Apple scab. For Aphis, add Black Leaf 40 to the spray.

(Continued on Page 13, right hand column)

PLENTY of rich milk every day from cows in right condition—and right condition will be the rule **EVERY DAY** if you mix

PRATTS COW REMEDY

with the feed daily. Insures health, increases milk production, prevents Abortion, Barrenness, Garget, Milk Fever, Scours, Indigestion, Liver and Kidney Complications.

"Your Money Back If YOU Are Not Satisfied"



6th Month

1920

Moon's Phases		Eastern Time			Central Time			Mountain Time			Pacific Time		
		d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾	Full Moon.....	1	0	18	E.	1	11	18	M.	1	10	18	M.
☾	Last Quarter.....	9	1	59	E.	9	0	59	E.	9	11	59	M.
☾	New Moon.....	16	8	41	M.	16	7	41	M.	16	6	41	M.
☾	First Quarter.....	23	1	50	M.	23	0	50	M.	22	11	50	E.

Day of Month	Day of Week	L & D.	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	Tu.	☾	m	4 26	7 29	rises	4 54	7 1	rises	Kentucky admitted, 1792
2	W.	☾	m	4 26	7 30	8 25	4 54	7 2	7 59	Riots in London, 1780
3	Th.	☾	↗	4 25	7 31	9 8	4 53	7 2	8 43	Corpus Christi
4	Fri.	☾	↗	4 25	7 32	9 46	4 53	7 3	9 24	Battle of Magenta, 1859
5	Sat.	☾	↗	4 24	7 32	10 21	4 53	7 3	10 2	Maxwell convicted, 1886
6	Sun.	☾	↗	4 24	7 33	10 51	4 53	7 4	10 36	1st Sunday after Trinity
7	M.	☾	↗	4 23	7 33	11 19	4 52	7 4	11 9	Earthquake in San Salvador, 1917
8	Tu.	☾	↗	4 23	7 34	11 46	4 52	7 5	11 41	Explosion in mine at Butte, Mon., 1917
9	W.	☾	↗	4 23	7 35	morn	4 52	7 5	morn	Premier of Spain resigns, 1917
10	Th.	☾	↗	4 22	7 36	0 15	4 52	7 6	0 16	De Soto landed, 1539
11	Fri.	☾	↗	4 22	7 36	0 45	4 52	7 6	0 52	St. Barnabas.
12	Sat.	☾	↗	4 22	7 37	1 16	4 52	7 7	1 29	Kg. Constantine of Greece abdicates, 1917
13	Sun.	☾	↗	4 22	7 37	1 53	4 52	7 7	2 11	2d Sunday after Trinity
14	M.	☾	↗	4 22	7 38	2 38	4 52	7 8	3 0	Pres. Pena of Brazil died, 1909
15	Tu.	☾	↗	4 22	7 38	3 30	4 52	7 8	3 55	Arkansas admitted, 1836
16	W.	☾	↗	4 22	7 38	sets	4 52	7 8	sets	♂ ♀ ☾
17	Th.	☾	↗	4 22	7 39	8 42	4 52	7 9	8 19	Battle of Bunker Hill, 1775
18	Fri.	☾	↗	4 22	7 39	9 28	4 52	7 9	9 9	♂ ♀ ☾
19	Sat.	☾	↗	4 22	7 39	10 5	4 52	7 9	9 52	♂ ♀ ☾
20	Sun.	☾	↗	4 21	7 39	10 38	4 52	7 9	10 31	3d Sunday after Trinity
21	M.	☾	↗	4 21	7 39	11 8	4 52	7 10	11 6	Summer begins
22	Tu.	☾	↗	4 22	7 39	11 40	4 53	7 10	11 44	Greeley rescued, 1884
23	W.	☾	↗	4 22	7 40	morn	4 53	7 10	morn	Ship Victoria sunk, 1893
24	Th.	☾	↗	4 23	7 40	0 7	4 53	7 10	0 17	♂ ♂ ☾ St. John Baptist
25	Fri.	☾	↗	4 23	7 40	0 35	4 53	7 10	0 50	The Greek Cabinet resigns, 1917
26	Sat.	☾	↗	4 23	7 40	1 6	4 53	7 11	1 26	First Amer. troops arr. in France, 1917
27	Sun.	☾	↗	4 24	7 40	1 41	4 54	7 11	2 4	4th Sunday after Trinity
28	M.	☾	↗	4 24	7 40	2 20	4 54	7 11	2 45	Russian soldiers cross Yalu River, 1903
29	Tu.	☾	↗	4 24	7 40	3 4	4 54	7 11	3 30	St. Peter and St. Paul
30	W.	☾	↗	4 24	7 40	3 51	4 54	7 11	4 18	William Winter, critic, died, 1917

Weather Forecast—June

1st to 4th — **RAINY SPELL.**
General rainfall over the plains states west of the Mississippi river. Heavy rainfall over Minnesota, Wisconsin and the upper Lake region. Floods in Arkansas, Oklahoma and Missouri.

5th to 9th — **COOL SPELL.** Cool, damp and generally backward weather over southern, central and upper Lake states. Chilly nights and mornings over Pacific states and Rockies.

10th to 14th — **WARM WAVE.**
Advanced heat over Pacific slope, the Interior Basin, the Rocky Mountain region and states of the southwest. Sweltering conditions in the larger cities of central and eastern sections.

15th to 18th — **SHOWERY PERIOD.** Local showers in Gulf States and the southwest. Drouth in Colorado, Kansas, Wyoming, Idaho, Utah and Nevada. Foggy over Lake region.

19th to 23d — **COOL SPELL.**
Wind and bluster common to states of the Pacific slope and the northwest. Damp, cloudy and foggy weather over Lake region and states of the north Atlantic slope.

24th to 27th — **UNSETTLED PERIOD.** Cloudy and showery from Texas eastward to Florida. Heavy fogs over the Great Lakes and coastal sections of north Atlantic.

28th to 30th — **THUNDER SHOWERS.** Heavy rainfall over states of the Ohio river basin, the Middle Atlantic and New England States.

2. When flower buds are turning pink use summer strength Lime-Sulphur, with 2½ lbs. Arsenate of Lead added for Bud Moth and eating insects, and Black Leaf 40 for Aphis.
3. When the petals fall repeat the No. 2 spray treatment. This "Calyx Spray," to control the Codlin Moth, must be carefully done, seeing that every cluster of apples is sprayed down into the upturned calyx.
4. Two weeks later. Repeat with same materials as No. 3.
5. Latter part of summer (August 1st in North) spray again with same solution, winter fruit only and use but 2 lbs. of the poison. To control Sooty Blotch and second brood Codlin Moth.

The first and the third are the important sprays, but for best results and first-class fruit the complete plan should be carried out.

Peach, Plum, Cherry

Do not spray plum or cherry later than 10 days before ripening of the fruit. Otherwise use same treatment as for peaches.

1. Two weeks or more before the buds open, use dormant strength Lime-Sulphur for San Jose scale and Peach Leaf Curl. Strong Bordeaux may be used instead to control the curl.
2. When the calyses fall use the 8-8-50 solution of Lime-Sulphur, adding 2 lbs. of Arsenate of Lead.

(Continued on Page 15, right hand column)

FLIES! Flies!! Flies!!!

Tormenting both man and beast. Cutting down the milk yield—weakening horses and other live-stock through trying to fight off these pests. All this worry and loss avoided by using

PRATTS FLY CHASER

It's guaranteed to give comfort to cows during milking-time and that means comfort to the milker as well.

"Your Money Back If YOU Are Not Satisfied"



7th Month

1920

Moon's Phases	Eastern Time			Central Time			Mountain Time			Pacific Time		
	d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Full Moon.....	1	3	41 M.	1	2	41 M.	1	1	41 M.	1	0	41 M.
☾ Last Quarter.....	9	0	6 M.	8	11	6 E.	8	10	6 E.	8	9	6 E.
☾ New Moon.....	15	3	25 E.	15	2	25 E.	15	1	25 E.	15	0	25 E.
☾ First Quarter.....	22	2	20 E.	22	1	20 E.	22	0	20 E.	22	11	20 M.
☾ Full Moon.....	30	6	19 E.	30	5	19 E.	30	4	19 E.	30	3	19 E.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Th.	☾	♊	4 25	7 40	rises	4 55	7 11	rises		State-wide Prohib. in Tennessee, 1909
2 Fri.	☾	♊	4 25	7 40	8 23	4 55	7 11	8 3		Race riots in Ill., 1917
3 Sat.	☾	♊	4 26	7 40	8 55	4 55	7 11	8 39	♂ ♀ ☉	
4 Sun.	☾	♊	4 27	7 40	9 23	4 56	7 11	9 12		5th Sunday after Trinity
5 M.	☾	♊	4 27	7 39	9 50	4 56	7 11	9 44		Fire in Haiti, 1908
6 Tu.	☾	♊	4 28	7 39	10 15	4 57	7 11	10 15		Ticonderoga captured, 1777
7 W.	☾	♊	4 29	7 39	10 46	4 57	7 11	10 52		German airplanes raid over London, 1917
8 Th.	☾	♊	4 29	7 39	11 15	4 58	7 11	11 26		John Morgan's raid, 1863
9 Fri.	☾	♊	4 30	7 38	11 49	4 58	7 11	morn		Katherine Abbott Sanborn died, 1917
10 Sat.	☾	♊	4 31	7 38	morn	4 59	7 10	0 6		Russians capt. Halicz, 1917
11 Sun.	☾	♊	4 31	7 38	0 29	5 07	7 10	0 50		6th Sunday after Trinity
12 M.	☾	♊	4 32	7 37	1 16	5 07	7 10	1 40		Orange riots, New York, 1871
13 Tu.	☾	♊	4 33	7 37	2 10	5 17	7 10	2 36		Revolution in England, 1688
14 W.	☾	♊	4 33	7 36	3 14	5 17	7 9	3 39		Bastille captured, 1789
15 Th.	☾	♊	4 34	7 36	4 25	5 27	7 9	4 48	♂ ♀ ☉	
16 Fri.	☾	♊	4 35	7 35	sets	5 37	9 sets	♂ ♀ ☉		
17 Sat.	☾	♊	4 36	7 34	8 36	5 37	8 8	8 26	♂ ♀ ☉	
18 Sun.	☾	♊	4 37	7 34	9 8	5 47	8 9	9 3		7th Sunday after Trinity
19 M.	☾	♊	4 38	7 33	9 39	5 47	7 9	4 41		Food Control Bill amended, 1917
20 Tu.	☾	♊	4 39	7 32	10 9	5 57	7 10	17		Kerensky made Prem. of Russia, 1917
21 W.	☾	♊	4 40	7 32	10 37	5 57	6 10	50		Battle of Bull Run, 1861
22 Th.	☾	♊	4 41	7 31	11 8	5 67	6 11	26		Siam dec. war on Germany, 1917
23 Fri.	☾	♊	4 42	7 30	11 43	5 77	5 morn		♂ ♀ ☉	
24 Sat.	☾	♊	4 43	7 29	morn	5 77	4 0	4		Manton Marble died, 1917
25 Sun.	☾	♊	4 44	7 28	0 21	5 87	4 0	44		8th Sunday after Trinity
26 M.	☾	♊	4 45	7 27	1 35	5 97	3 1	28		French Revolution, 1830
27 Tu.	☾	♊	4 46	7 26	1 48	5 97	2 2	15	♂ ♀ ☉	
28 W.	☾	♊	4 47	7 25	2 39	5 107	2 3	5		Russian Minister assassinated, 1904
29 Th.	☾	♊	4 48	7 24	3 35	5 117	1 3	57		Philip I died, 1108
30 Fri.	☾	♊	4 49	7 23	rises	5 117	0 rises			Gen. H. R. Otis, publisher, died, 1917
31 Sat.	☾	♊	4 50	7 22	7 28	5 127	0 7	15		Amer. St. Montano torpedoed, 1917

Weather Forecast—July

1st to 3d — FAIR PERIOD.

Cool nights and fair days over western half of the country. Damp conditions over border states of the Great Lakes, the Gulf of Mexico and the south Atlantic slope.

4th to 8th—THUNDER SHOWERS. Heavy rains with storm and flood common in central, southern and eastern sections. Heavy showers with damaging floods in Tennessee, Mississippi and Alabama.

9th to 13th — SWELTERING PERIOD. General deficiency of rainfall in states of the Pacific slope, the Interior Basin, the Rocky Mountain region and the northwest.

14th to 18th — TORNADO PERIOD. Continued sultriness in forenoon, followed in afternoon and night by storms. Rains over southern and Middle Atlantic states.

19th to 22d — COOL SPELL. Clear days and cool nights over states of the northwest. Local frost in mountain districts of Montana, Wyoming, West Virginia and Pennsylvania.

23d to 27th — STORM WAVE. Heavy thunder storms over section extending from Louisiana and Arkansas eastward to the Carolinas and Virginias.

28th to 31st — UNSETTLED PERIOD. Much wind and bluster over Rocky Mountain region and the plains states west of the Mississippi. Unsettled over Middle Atlantic and New England States.

3. Three weeks later, use same spray as No. 2.
4. Four weeks from third application, repeat No. 2 but without the poison.
5. Two to three weeks later. Same materials.

Currants and Gooseberries. Bush Fruits

1. While buds are dormant, dormant strength Lime-Sulphur.
2. When blossoms have formed use Bordeaux or weak Lime-Sulphur, each with a poison added, to control currant worm, gooseberry mildew and fungus diseases.
3. Two or three weeks later same treatment.
4. Gooseberries may require, after two weeks, another application, but without the poison; and also a fifth if mildew is apparent.

Grape

Clean up vines, destroy all old fruit, cultivate the soil and spray thoroughly, to control Black Rot and other troubles.

1. In dormant season use dormant Lime-Sulphur or strong Bordeaux.
2. As leaves begin to appear, Bordeaux 4-4-50 adding 3 lbs. Arsenate of Lead to the 50 gallons.
3. When blossoms have fallen repeat No. 2.

(Continued on Page 17, right hand column)

CONTENTED hens lay more eggs, look better and keep healthier. Keep them free from lice by day and on the roost by night, by using
PRATTS LICE KILLER

Spray roosts and walls with **PRATTS RED MITE SPECIAL** and mites cannot live. Most effective treatment known.

"Your Money Back If YOU Are Not Satisfied"



8th Month

1920

Moon's Phases		Eastern Time			Central Time			Mountain Time			Pacific Time		
		d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Last Quarter.....		7	7	51	M.	7	6	51	M.	7	5	51	M.
☾ New Moon.....		13	10	44	E.	13	9	44	E.	13	8	44	E.
☾ First Quarter.....		21	5	52	M.	21	4	52	M.	21	3	52	M.
☾ Full Moon.....		29	8	3	M.	29	7	3	M.	29	6	3	M.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Sun.	☾	☾	♊	4 51	7 21	7 56	5 13	6 59	7 47	9th Sunday after Trinity
2 M.	☾	☾	♊	4 52	7 20	8 22	5 14	6 58	8 20	Battle of Blenheim, 1704
3 Tu.	☾	☾	♊	4 53	7 19	8 52	5 14	6 57	8 55	♂ ♂ ☾
4 W.	☾	☾	♊	4 54	7 18	9 21	5 15	6 56	9 30	Gen. Burgoyne died, 1792
5 Th.	☾	☾	♊	4 55	7 17	9 52	5 16	6 55	10 5	Nat. Guard passes into Fed. Serv., 1917
6 Fri.	☾	☾	♊	4 56	7 15	10 28	5 16	6 55	10 46	Amer. Steamer Campana sunk, 1917
7 Sat.	☾	☾	♊	4 57	7 14	11 11	5 17	6 54	11 33	Liberia dec. war on Germany, 1917
8 Sun.	☾	☾	♊	4 58	7 12	11 59	5 18	6 53	morn	10th Sunday after Trinity
9 M.	☾	☾	♊	4 59	7 11	morn	5 19	6 52	0 25	Rt. Rev. Nicholas Matz died, 1917
10 Tu.	☾	☾	♊	5 0	7 10	0 56	5 19	6 51	1 22	Louise C. Moulton, author, died, 1908
11 W.	☾	☾	♊	5 1	7 9	2 1	5 20	6 50	2 27	Savannah evacuated, 1782
12 Th.	☾	☾	♊	5 2	7 8	3 13	5 21	6 48	3 34	♂ ♂ ☾
13 Fri.	☾	☾	♊	5 3	7 7	4 25	5 21	6 47	4 42	Brit. Bark Inverkip sunk, 1904
14 Sat.	☾	☾	♊	5 4	7 5	sets	5 22	6 46	sets	♂ ♀ ☾ ♂ ♀ ☾
15 Sun.	☾	☾	♊	5 5	7 4	7 36	5 23	6 45	7 34	11th Sunday after Trinity
16 M.	☾	☾	♊	5 6	7 2	8 9	5 23	6 44	8 14	Guerra inaug. Pres. of Bolivia, 1917
17 Tu.	☾	☾	♊	5 7	7 0	8 38	5 24	6 43	8 49	Comet of 1682 appeared
18 W.	☾	☾	♊	5 8	6 58	9 9	5 25	6 42	9 24	Geo. L. Rives, educator, died, 1917
19 Th.	☾	☾	♊	5 9	6 57	9 43	5 25	6 41	10 2	Destructive fire in Salonica, Greece, 1917
20 Fri.	☾	☾	♊	5 10	6 56	10 21	5 26	6 40	10 42	♂ ♂ ☾
21 Sat.	☾	☾	♊	5 11	6 54	10 59	5 27	6 39	11 24	Niger River expedition, 1841
22 Sun.	☾	☾	♊	5 12	6 53	11 43	5 27	6 38	morn	12th Sunday after Trinity
23 M.	☾	☾	♊	5 13	6 51	morn	5 28	6 37	0 10	Commodore Perry died, 1820
24 Tu.	☾	☾	♊	5 14	6 50	0 33	5 28	6 36	0 59	St. Bartholomew
25 W.	☾	☾	♊	5 15	6 48	1 27	5 29	6 34	1 51	Delaware Bay discovered, 1609
26 Th.	☾	☾	♊	5 16	6 47	2 23	5 30	6 33	2 44	Sam Parks convicted, 1803
27 Fri.	☾	☾	♊	5 17	6 46	3 21	5 30	6 32	3 39	Earthquake at Java, 1883
28 Sat.	☾	☾	♊	5 18	6 44	4 23	5 31	6 31	4 36	Brit. Slavery abolished, 1833
29 Sun.	☾	☾	♊	5 19	6 42	rises	5 32	6 29	rises	13th Sunday after Trinity
30 M.	☾	☾	♊	5 21	6 40	6 58	5 32	6 28	6 58	Adm. Ross died, 1856
31 Tu.	☾	☾	♊	5 22	6 39	7 26	5 33	6 27	7 32	John Bunyan died, 1688

Weather Forecast—August

1st to 4th—WET PERIOD. Cool, backward weather generally prevalent from Missouri, Iowa and Minnesota eastward to the middle Atlantic and New England States. Much fog and dampness over all lowland sections.

5th to 9th—ADVANCED HEAT. Rising temperature with prostrating heat at all points west of the Mississippi river. Dust storms in Texas, Oklahoma, Colorado and Kansas.

10th to 14th—RAIN WAVE. Excessive rainfall over Florida, Alabama, Mississippi, Tennessee and Georgia. Cloudy and showery in central and Lake states.

15th to 20th—TORRID WAVE. Dry, hot and parching conditions at many points in the far west, the middle west and the northeast.

21st to 24th—STORM PERIOD. Local thunder storms prevalent except in drouth-stricken areas. Hot winds and dust storms in Utah, Nevada, Colorado, Kansas, Oklahoma and Texas. General rains in Florida and eastern Georgia.

25th to 28th—COOL SPELL. Cool nights and fair days at most points east of the Mississippi river. Cool weather for August in states of the southwest and middle west.

29th to 31st—SHOWERY PERIOD. Local rainfall over southern California, Arizona and western New Mexico. Heavy rains over Gulf and South Atlantic States.

4. About two weeks later repeat No. 2 but without poison unless eating insects are at work.

5. Repeat again in about two weeks, being careful to reach all clusters of grapes.



A Bushel Must Weigh

By law throughout the United States, a bushel of farm produce must reach the minimum weights shown in the table below. Certain states may vary, for products within the state:

	Lbs. per Bushel
Bran.....	20
Barley.....	48
Buckwheat.....	48
Bluegrass Seed.....	44
Corn in ear.....	70
Corn, shelled.....	56
Corn, Meal.....	48
Dried Apples.....	26
Dried Peaches.....	33
Clover Seed.....	60
Flax Seed.....	56
Hungarian Grass Seed.....	50
Hemp Seed.....	44
Oats.....	32
Onions.....	57
Potatoes, white.....	60
Potatoes, sweet.....	55
Malt.....	34
Millet.....	50
White Beans.....	60
Turnips.....	55
Timothy.....	45
Wheat.....	60
Rye.....	56
Peas.....	60

KEEP HOG CHOLERA out of your herd by having your hogs and pigs in the right condition of health to repel it.

PRATTS HOG TONIC used regularly ensures this—and

PRATTS DIP and DISINFECTANT

sprayed frequently in the pens and about the buildings kills the germs before they can start trouble.

"Your Money Back If YOU Are Not Satisfied"



9th Month

1920

Moon's Phases	Eastern Time			Central Time			Mountain Time			Pacific Time		
	d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Last Quarter.....	5	2	5 E.	5	1	5 E.	5	0	5 E.	5	11	5 M.
☾ New Moon.....	12	7	52 M.	12	6	52 M.	12	5	52 M.	12	4	52 M.
☾ First Quarter.....	19	11	55 E.	19	10	55 E.	19	9	55 E.	19	8	55 E.
☾ Full Moon.....	27	8	57 E.	27	7	57 E.	27	6	57 E.	27	5	57 E.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 W.	☾	☾	☾	5 24	6 37	7 56	5 34	6 26	8 7	Battle of Sedan, 1870
2 Th.	☾	☾	☾	5 25	6 35	8 30	5 35	6 25	8 47	Duke of Sermoneta died, 1917
3 Fri.	☾	☾	☾	5 26	6 33	9 11	5 35	6 24	9 32	Riga occupied by Germans, 1917
4 Sat.	☾	☾	☾	5 27	6 32	9 57	5 36	6 22	10 21	Edw. Grieg, composer, died, 1907
5 Sun.	☾	☾	☾	5 28	6 30	10 50	5 37	6 21	11 15	14th Sunday after Trinity
6 M.	☾	☾	☾	5 29	6 28	11 50	5 37	6 19	morn	Labor Day
7 Tu.	☾	☾	☾	5 30	6 27	morn	5 38	6 18	0 15	♂ ♀ ☾
8 W.	☾	☾	☾	5 31	6 25	0 57	5 39	6 16	1 19	♂ ♀ ☾
9 Th.	☾	☾	☾	5 32	6 23	2 6	5 40	6 15	2 25	Battle of Flodden Hill, 1573
10 Fri.	☾	☾	☾	5 33	6 21	3 18	5 40	6 14	3 31	Judge Story died, 1845
11 Sat.	☾	☾	☾	5 34	6 19	4 30	5 41	6 13	4 39	♂ ♀ ☾
12 Sun.	☾	☾	☾	5 35	6 17	5 41	5 42	6 11	5 43	15th Sunday after Trinity
13 M.	☾	☾	☾	5 36	6 15	sets	5 42	6 9	sets	♂ ♀ ☾
14 Tu.	☾	☾	☾	5 37	6 14	7 7	5 43	6 8	7 21	Duke of Wellington died, 1852
15 W.	☾	☾	☾	5 38	6 12	7 40	5 44	6 7	7 58	Ember Day
16 Th.	☾	☾	☾	5 39	6 10	8 16	5 44	6 6	8 37	Wm. F Stone died, 1917
17 Fri.	☾	☾	☾	5 40	6 9	8 56	5 45	6 5	9 20	Ember Day
18 Sat.	☾	☾	☾	5 42	6 7	9 38	5 45	6 4	10 4	Ember Day
19 Sun.	☾	☾	☾	5 43	6 5	10 27	5 46	6 3	10 52	16th Sunday after Trinity
20 M.	☾	☾	☾	5 44	6 3	11 18	5 47	6 1	11 42	Cantilever bridge, Que., completed, 1917
21 Tu.	☾	☾	☾	5 45	6 1	morn	5 47	6 0	morn	St. Matthew
22 W.	☾	☾	☾	5 46	6 0	0 13	5 48	5 58	0 35	Germans occupy Jacobstadt, 1917
23 Th.	☾	☾	☾	5 47	5 58	1 10	5 49	5 57	1 29	Autumn begins
24 Fri.	☾	☾	☾	5 48	5 56	2 9	5 50	5 55	2 24	M. A. Hanna born, 1837
25 Sat.	☾	☾	☾	5 50	5 55	3 13	5 50	5 54	3 23	Leslie Carter died, 1908
26 Sun.	☾	☾	☾	5 51	5 53	4 17	5 51	5 53	4 22	17th Sunday after Trinity
27 M.	☾	☾	☾	5 52	5 51	5 21	5 52	5 51	5 19	First railway opened in England, 1825
28 Tu.	☾	☾	☾	5 53	5 49	rises	5 52	5 50	rises	Spanish Revolution, 1823
29 W.	☾	☾	☾	5 54	5 47	6 31	5 53	5 49	6 46	Michaelmas Day
30 Th.	☾	☾	☾	5 55	5 46	7 10	5 53	5 48	7 30	C. N. Hemy, painter, died, 1917

Weather Forecast—September

1st to 3d—Great tropical storm energy manifest over Florida peninsula and south Atlantic coast. Cloudy and unsettled over eastern half of the country. Dangerous gales on Gulf, Atlantic and Lake waters. Damp and showery along Oregon and Washington coast lands.

4th to 9th—FAIR PERIOD. Bright, clear skies over western and northwestern sections. Rather sultry conditions in Texas, Louisiana, Arkansas, Mississippi, Alabama and Georgia.

10th to 15th—STORM WAVE. Rough and stormy weather on Pacific slope, the Rocky Mountain highland and states on the Canadian border. Local rains in Middle Atlantic and New England States. Unsettled over Lake region.

16th to 20th—COOL WAVE. Much wind and bluster in far west and middle west. Falling temperature with local frost in western, central and eastern sections.

21st to 25th—WINDY PERIOD. High winds at most points in western, central and northeastern sections. Dangerous gales along all maritime shores.

26th to 30th—COOL SPELL. Cloudy and damp conditions from Arkansas and Louisiana eastward to Georgia and the Carolinas. Cold, frosty nights and mornings as far south as Kansas, Missouri, Tennessee and the Carolinas.

For any Accident

Get a doctor or a nurse as quickly as you can. Keep your head and use your common sense. In the absence of other help, these instructions, if carefully followed, may bring relief. Keep this page in mind.

Fainting—Rest patient on back, fresh air, dash cool water on face.

Poisonous Bites and Stings—Tie cord tight above the wound. Wash with warm water. Cauterize with Nitrate of Silver, *immediately*; or red hot iron; or cut away surrounding flesh. If possible, suck the wound thoroughly first for two or three minutes to remove the poisonous microbes.

Poisons—Give a strong emetic to induce vomiting; mustard water, luke-warm water, or tickle the palate. Give emetic and white of egg for arsenic and similar poisonings.

Drowning—Place body over a barrel, face down, or hold it by middle so that the water can drain out of the throat. Hold tongue with towel or handkerchief and draw it forward.

Now imitate respiration as below:

Loosen all clothing, expose neck and chest. Force open the mouth and place a piece of wood between teeth so victim cannot bite tongue. Have a helper hold tongue out by grasping with towel or handkerchief. Kneel near the head. Hold victim's forearms firmly close to the bent elbows.

(Continued on Page 21, right hand column)

AN ALL YEAR ROUND HELP to profitable poultry raising. Keeps hens laying regularly summer and winter.

PRATTS POULTRY REGULATOR

helps the hens overcome the weakening effect of the molt, to put on new feathers quickly and get back to work.

And don't forget that pullets will develop more rapidly and begin laying at a much earlier date if Pratts Poultry Regulator is used.

"Your Money Back If YOU Are Not Satisfied"



10th Month

1920

Moon's Phases	Eastern Time			Central Time			Mountain Time			Pacific Time		
	d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Last Quarter.....	4	7	54	E.	4	6	54	E.	4	5	54	E.
☾ New Moon.....	11	7	50	E.	11	6	50	E.	11	5	50	E.
☾ First Quarter.....	19	7	29	E.	19	6	29	E.	19	5	29	E.
☾ Full Moon.....	27	9	9	M.	27	8	9	M.	27	7	9	M.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	Fri.	☾	♊	5 56	5 44	7 55	5 54	5 47	8 18	Eng. raided by Ger. airplanes, 1917
2	Sat.	☾	♊	5 57	5 42	8 46	5 54	5 45	9 12	Swedish Ministry resigns, 1917
3	Sun.	☾	♊	5 58	5 40	9 44	5 55	5 43	10 10	18th Sunday after Trinity
4	M.	☾	♊	5 59	5 39	10 48	5 56	5 42	11 12	Brit. capture 3,000 Germans, 1917
5	Tu.	☾	♊	6 1	5 38	11 55	5 57	5 41	morn	Defeat of Cornwallis, 1781
6	W.	☾	♊	6 3	5 36	morn	5 58	5 40	0 15	Alfred Tennyson died, 1892
7	Th.	☾	♊	6 4	5 34	1 5	5 58	5 39	1 20	Edgar A. Poe died, 1849
8	Fri.	☾	♊	6 5	5 33	2 15	5 59	5 37	2 25	Great fire at Chicago, 1871
9	Sat.	☾	♊	6 6	5 31	3 25	6 0	5 36	3 30	♂ ♀ ☾ ♂ ♀ ☾
10	Sun.	☾	♊	6 7	5 29	4 32	6 1	5 35	4 30	19th Sunday after Trinity
11	M.	☾	♊	6 8	5 28	5 40	6 1	5 34	5 32	Boer War begun, 1899
12	Tu.	☾	♊	6 9	5 26	sets	6 2	5 33	sets	Columbus disc. America, 1492
13	W.	☾	♊	6 10	5 24	6 12	6 3	5 32	6 32	♂ ♀ ☾
14	Th.	☾	♊	6 11	5 22	6 52	6 3	5 30	7 12	♂ ♀ ☾
15	Fri.	☾	♊	6 12	5 21	7 33	6 4	5 29	7 58	Financial Panic, 1857
16	Sat.	☾	♊	6 13	5 19	8 19	6 5	5 28	8 45	Des. fire in Kansas City stockyds., 1917
17	Sun.	☾	♊	6 14	5 17	9 9	6 5	5 26	9 34	20th Sunday after Trinity
18	M.	☾	♊	6 15	5 15	10 3	6 6	5 25	10 26	St. Luke, Evangelist
19	Tu.	☾	♊	6 17	5 14	10 58	6 7	5 24	11 18	Cassius M. Clay born, 1810
20	W.	☾	♊	6 18	5 12	11 57	6 8	5 23	morn	Italian Cabinet resigns, 1903
21	Th.	☾	♊	6 19	5 11	morn	6 9	5 22	0 13	Paul O. Husting died, 1917
22	Fri.	☾	♊	6 20	5 9	0 57	6 10	5 21	1 9	Edict of Nantes revoked, 1685
23	Sat.	☾	♊	6 21	5 8	1 59	6 11	5 19	2 7	Phila. Peace Jubilee, 1898
24	Sun.	☾	♊	6 22	5 6	3 5	6 12	5 18	3 7	21st Sunday after Trinity
25	M.	☾	♊	6 23	5 4	4 8	6 13	5 17	4 3	Battle of Agincourt, 1415
26	Tu.	☾	♊	6 25	5 2	5 17	6 14	5 16	5 7	Doddridge died, 1751
27	W.	☾	♊	6 26	5 0	rises	6 15	5 15	rises	Sir H. S. Oakley died, 1903
28	Th.	☾	♊	6 27	4 59	5 50	6 15	5 14	6 11	St. Simon and St. Jude
29	Fri.	☾	♊	6 28	4 58	6 40	6 16	5 13	7 5	John Adams born, 1735
30	Sat.	☾	♊	6 29	4 57	7 36	6 17	5 13	8 2	Big fire in Baltimore, 1917
31	Sun.	☾	♊	6 30	4 55	8 40	6 17	5 12	9 5	22d Sunday after Trinity. Hallowe'en

Weather Forecast—October

1st to 4th—MILD WAVE.

Rising temperature at all points in the west and southwest. Rather dry and dusty in states of the southwest. Cloudy and unsettled over the northwest and upper Lake region.

5th to 9th—STORM PERIOD.

Rain storms accompanied with lightning and thunder over Gulf and South Atlantic States. Heavy mist and fog over Lake region and states of the northeast.

10th to 13th—COLD WAVE.

Sudden fall in temperature in states of the northwest and middle west. Frost as far south as Colorado, Kansas, Missouri, Kentucky.

14th to 17th—FAIR WAVE. Dry, dusty and smoky in sections west of the Mississippi river. Summer-like warmth over southern, central and eastern portions.

18th to 23d—COLD PERIOD.

Killing frosts and frozen ground at all points from Colorado eastward to northern Georgia.

24th to 27th—PLEASANT PERIOD. Genial warmth and bright, sunny days at most points. Unsettled conditions in states bordering on Gulf and south Atlantic Ocean.

28th to 31st—STORMY SPELL.

Great storm moving from Gulf of Mexico to the Great Lakes. Heavy rainfall and high wind in states adjoining the Appalachian highland. Unsettled weather in states of the southwest.

1. Firmly press victim's elbows against sides of his body to drive air from his lungs.
2. Raise arms slowly, up, around and over head until elbows touch ground, expanding his chest.
3. Pull the arms slowly and firmly, raising the chest as high as it will go.
4. Carry the arms with bent elbows down against the sides again.

REPEAT this over and over, about fifteen times to a minute and don't get discouraged. Keep up at least an hour. Ammonia or camphor may be applied to the nostrils when victim is breathing in and arms are above head.



Money Orders

For orders on sums not exceeding \$2.50, 3 cents; over \$2.50 and not exceeding \$5, 5 cents; over \$5, and not exceeding \$10, 8 cents; over \$10, and not exceeding \$20, 10 cents; over \$20 and not exceeding \$30, 12 cents; over \$30 and not exceeding \$40, 15 cents; over \$40 and not exceeding \$50, 18 cents; over \$50 and not exceeding \$60, 20 cents; over \$60 and not exceeding \$75, 25 cents; over \$75 and not exceeding \$100, 30 cents.

A single Money Order may include any amount from one cent to one hundred dollars inclusive, but must not contain a fractional part of a cent.

A HOG'S a sure money maker—when healthy. So keep disease away. Prevent Cholera and other ailments by using

PRATTS HOG TONIC

It's use means more pounds of pork from each bushel of feed and full market weight in 30 days less time for every hog that gets Pratts Hog Tonic.

"Your Money Back If YOU Are Not Satisfied"



11th Month

1920

Moon's Phases	Eastern Time			Central Time			Mountain Time			Pacific Time		
	d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Last Quarter.....	3	2	35 M.	3	1	35 M.	3	0	35 M.	2	11	35 E.
☾ New Moon.....	10	11	5 M.	10	10	5 M.	10	9	5 M.	10	8	5 M.
☾ First Quarter.....	18	3	13 E.	18	2	13 E.	18	1	13 E.	18	0	13 E.
☾ Full Moon.....	25	8	42 E.	25	7	42 E.	25	6	42 E.	25	5	42 E.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S. States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 M.	☾	☾	♏	6 32	4 54	9 47	6 18	5 11	10 9	All Saints' Day
2 Tu.	☾	☾	♏	6 33	4 53	10 56	6 18	5 10	11 14	W. Godfrey Hunter died, 1917
3 W.	☾	☾	♏	6 34	4 52	morn	6 19	5 9	morn	First clash of Amer. and Ger. sold., 1917
4 Th.	☾	☾	♏	6 36	4 51	0 4	6 20	5 8	0 17	Massacre at Warsaw, 1794
5 Fri.	☾	☾	♏	6 37	4 50	1 15	6 21	5 8	1 22	♂ ♀ ☾
6 Sat.	☾	☾	♏	6 38	4 49	2 22	6 22	5 7	2 22	♂ ♀ ☾
7 Sun.	☾	☾	♏	6 39	4 47	3 27	6 23	5 6	3 21	23d Sunday after Trinity
8 M.	☾	☾	♏	6 40	4 46	4 34	6 24	5 5	4 22	Emp. of China died, 1908
9 Tu.	☾	☾	♏	6 42	4 45	5 39	6 25	5 4	5 23	John Milton died, 1674
10 W.	☾	☾	♏	6 43	4 44	6 40	6 26	5 3	6 20	Battleship N. Dakota launched
11 Th.	☾	☾	♏	6 45	4 43	sets	6 27	5 2	sets	♂ ♀ ☾
12 Fri.	☾	☾	♏	6 46	4 41	6 12	6 28	5 1	6 37	Montreal captured, 1775
13 Sat.	☾	☾	♏	6 48	4 40	7 1	6 29	5 0	7 26	♂ ♀ ☾
14 Sun.	☾	☾	♏	6 50	4 39	7 55	6 30	5 0	8 18	24th Sunday after Trinity
15 M.	☾	☾	♏	6 51	4 37	8 48	6 31	4 59	9 9	♂ ♀ ☾
16 Tu.	☾	☾	♏	6 53	4 36	9 44	6 32	4 58	10 3	♂ ♀ ☾
17 W.	☾	☾	♏	6 54	4 35	10 42	6 32	4 58	10 57	Brit. in Palestine occupy Jaffa, 1917
18 Th.	☾	☾	♏	6 55	4 34	11 44	6 33	4 57	11 54	Aetna eruption, 1852
19 Fri.	☾	☾	♏	6 57	4 33	morn	6 34	4 56	morn	John Jay's Treaty, 1794
20 Sat.	☾	☾	♏	6 58	4 33	0 46	6 35	4 56	0 51	Ex-Gov. Drake of Ia. died, 1903
21 Sun.	☾	☾	♏	6 59	4 32	1 48	6 36	4 55	1 46	25th Sunday after Trinity
22 M.	☾	☾	♏	7 0	4 31	2 53	6 36	4 55	2 46	Lord Clive died, 1774
23 Tu.	☾	☾	♏	7 2	4 31	4 3	6 37	4 55	3 50	Dr. Parkman killed, 1849
24 W.	☾	☾	♏	7 3	4 30	5 12	6 38	4 54	4 53	Tasmania discovered, 1642
25 Th.	☾	☾	♏	7 4	4 29	6 22	6 39	4 54	6 0	Thanksgiving Day
26 Fri.	☾	☾	♏	7 5	4 29	rises	6 40	4 54	rises	Cowper born, 1731
27 Sat.	☾	☾	♏	7 6	4 29	6 26	6 40	4 54	6 51	First Steam Printing, 1814
28 Sun.	☾	☾	♏	7 6	4 28	7 34	6 41	4 54	7 56	Advent Sunday
29 M.	☾	☾	♏	7 7	4 28	8 44	6 42	4 54	9 3	Ohio admitted, 1802
30 Tu.	☾	☾	♏	7 8	4 28	9 56	6 43	4 54	10 10	St. Andrew

Weather Forecast—November

1st to 4th—**MILD PERIOD.**
Fine, open weather prevalent at all points.

5th to 9th—**STORM WAVE.**
Stormy, rainy weather over states of the north Pacific slope. Blustery conditions in states of the far west, middle west and eastern sections. Sudden dashes of sleet and snow over upper Lake region and New England.

10th to 15th—**COLD WAVE.**
Low temperature for November at all points north of Oklahoma, Arkansas, Tennessee and North Carolina.

16th to 20th—**RAIN PERIOD.**
Rain storms accompanied with high winds in Texas, Louisiana, Arkansas and Tennessee. Generally cloudy and misty in Middle Atlantic and New England States.

21st to 24th—**FAIR PERIOD.**
Fair weather for November in western, central and eastern sections. Rather blustery and unsettled in northwest and Lake region.

25th to 27th—**STORM WAVE.**
High winds and snow squalls in the Rocky Mountain region and states of the northwest. Rain and sleet in Nebraska, Iowa, Illinois, Indiana and Ohio. General rains over eastern Texas, Louisiana and Arkansas.

28th to 30th—**UNSETTLED WAVE.**
Stormy weather over Rocky Mountain region and the plains states of the northwest. Fair and frosty at points in eastern and southern parts of the country.

One Period Cold Pack Canning Guide

Necessary Equipment

1. **HOME-MADE WATER BATH OUTFIT**, a wash boiler, lard can, milk can or any other utensil equipped with a tight-fitting cover, and rack or false bottom.
2. **JARS**, any good type. Test all jars. Run finger around ledge where rubber will be placed to see if smooth. Scrape rough places with dull knife until smooth.

Screw top jar tests:

1. Examine top.
2. Screw top on jar without rubber. Try to insert thumb nail between top and cover. Either smooth down any uneven places with a spoon handle or discard.
3. Adjust rubber and screw on top, try to pull rubber out. If it comes out and springs back the jar will not be airtight.
4. Partly fill jar with warm water, adjust cover and rubber and invert to see if it leaks.

Glass top jar tests:

1. Place jar on a level surface, put on the cover, tap in four

(Continued on Page 25, right hand column)

PREVENT roup and colds—don't let them get even a start. At the slightest sign of a tell-tale "wheeze" put

PRATTS ROUP REMEDY (Tablets or Powder)

in the drinking water and repeat for several days, till danger's over. It's a healthful practice at any time.

"Your Money Back If YOU Are Not Satisfied"



12th Month

1920

	Moon's Phases			Eastern Time			Central Time			Mountain Time			Pacific Time		
				d.	h.	m.	d.	h.	m.	d.	h.	m.	d.	h.	m.
☾ Last Quarter.....				2	11	29	M.	2	10	29	M.	2	9	29	M.
☾ New Moon.....				10	5	4	M.	10	4	4	M.	10	3	4	M.
☾ First Quarter.....				18	9	40	M.	18	8	40	M.	18	7	40	M.
☾ Full Moon.....				25	7	39	M.	25	6	39	M.	25	5	39	M.
☾ Last Quarter.....				31	11	35	E.	31	10	35	E.	31	9	35	E.

Day of Month	Day of Week	L. & D. Moon	Moon's Place	Calendar—N. States Lat. 42° +			Calendar—S States Lat. 33° +			HISTORICAL EVENTS, ETC.
				Sun Rises	Sun Sets	Moon Rises	Sun Rises	Sun Sets	Moon Rises	
				h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	W.	☾	☾	7 9	4 28	11 5	6 44	4 54	11 15	Diaz inaug. Pres. of Mexico, 1900
2	Th.	☾	☾	7 10	4 28	morn	6 44	4 54	morn	Jay Gould died, 1892
3	Fri.	☾	☾	7 11	4 28	0 16	6 45	4 54	0 18	♂ ♀ ☾
4	Sat.	☾	☾	7 12	4 28	1 20	6 46	4 54	1 15	Balfour res. as Brit. Prem., 1905
5	Sun.	☾	☾	7 13	4 28	2 27	6 46	4 54	2 16	2d Sunday in Advent
6	M.	☾	☾	7 14	4 28	3 31	6 47	4 54	3 16	St. Nicholas
7	Tu.	☾	☾	7 15	4 28	4 32	6 48	4 54	4 13	Jefferson Davis died, 1889
8	W.	☾	☾	7 16	4 28	5 32	6 49	4 54	5 10	♂ ♀ ☾
9	Th.	☾	☾	7 17	4 28	6 28	6 50	4 54	6 3	John Milton born, 1608
10	Fri.	☾	☾	7 18	4 28	sets	6 50	4 54	sets	♂ ♀ ☾
11	Sat.	☾	☾	7 19	4 28	5 46	6 51	4 54	6 11	Indiana admitted, 1816
12	Sun.	☾	☾	7 20	4 28	6 40	6 52	4 55	7 3	3d Sunday in Advent
13	M.	☾	☾	7 21	4 28	7 36	6 53	4 55	7 56	Robt. Toombs died, 1885
14	Tu.	☾	☾	7 22	4 28	8 34	6 54	4 55	8 50	♂ ♀ ☾
15	W.	☾	☾	7 23	4 29	9 33	6 55	4 56	9 45	Ember Day. ♂ ♂ ☾
16	Th.	☾	☾	7 24	4 29	10 34	6 56	4 56	10 40	♂ ♀ ☾
17	Fri.	☾	☾	7 24	4 29	11 37	6 57	4 57	11 37	Ember Day
18	Sat.	☾	☾	7 25	4 29	morn	6 58	4 57	morn	Ember Day
19	Sun.	☾	☾	7 25	4 30	0 35	6 58	4 58	0 30	4th Sunday in Advent
20	M.	☾	☾	7 26	4 30	1 41	6 59	4 58	1 31	Ry. collision in Ky., 38 killed, 1917
21	Tu.	☾	☾	7 26	4 30	2 49	6 59	4 59	2 33	Winter begins. St. Thomas
22	W.	☾	☾	7 27	4 30	3 57	7 0	4 59	3 37	Peace con. assem. at Brest-Litovsk, 1917
23	Th.	☾	☾	7 27	4 31	5 6	7 05	0 4	4 42	E. R. Bathrick, Congressman, died, 1917
24	Fri.	☾	☾	7 28	4 31	6 14	7 05	0 5	5 48	Henry F. Farny, painter, died. 1916
25	Sat.	☾	☾	7 28	4 32	rises	7 15	1	rises	Christmas Day.
26	Sun.	☾	☾	7 28	4 33	6 22	7 15	2	6 44	Sunday after Christmas
27	M.	☾	☾	7 29	4 33	7 36	7 15	2	7 52	St. John, Evangelist
28	Tu.	☾	☾	7 29	4 34	8 49	7 15	3	8 59	Innocents
29	W.	☾	☾	7 29	4 35	10 2	7 25	3	10 7	Gladstone born, 1809
30	Th.	☾	☾	7 30	4 35	11 10	7 25	4	11 8	♂ ♀ ☾
31	Fri.	☾	☾	7 30	4 36	morn	7 31	5	morn	Pres. leaves Eng. for Italy, 1918

Weather Forecast—December

1st to 3d—**FAIR PERIOD.** Cold nights and clear sunny days in most sections. Slushy, soft weather in states bordering on Great Lakes.

4th to 9th—**CLOUDY PERIOD.** Dark, damp and generally cloudy weather in states of the northwest, the middle-west and eastern portions. Heavy fog over all coastal waters of the Gulf and Great Lakes.

10th to 14th—**BLIZZARD STORMS.** Great snow storms over Rocky Mountain region and plains states west of the Mississippi river. Rain, sleet and snow in Middle Atlantic and New England States.

15th to 18th—**COLD WAVE.** Sudden fall of temperature with ice and frozen ground as far south as Louisiana, Mississippi and Alabama.

19th to 22d—**MILD WAVE.** Soft, slushy conditions general in western, central and eastern sections. Threatening weather in the Dakotas, Minnesota, Wisconsin and Michigan.

23d to 27th—**STORM WAVE.** Rain, sleet and snow in the northwest and Lake region. General rainfall over southern, central and Middle Atlantic States. Much fog and dampness on Atlantic coastal waters.

28th to 31st—**UNSETTLED PERIOD.** Much fog and dampness over Gulf and South Atlantic States. Cloudy, backward conditions in southwest, middle-west and northeastern portions of the country.

or five places to see if the cover sets level and does not "rock."

2. Put on rubber, adjust cover, and see if top bail goes into place with a snap. If not, remove bail and tighten by bending the center point of the wire slightly downward. Place on jar again and test. See that bails on both old and new jars are not so tight that the top will crack when side spring is pressed down.
3. Partly fill jar with warm water, adjust cover and rubber and invert to see if it leaks.

Vacuum seal jar tests:

1. Examine sealing preparation on inside of cover to see if it is perfect. It should be neither soft, broken nor uneven in places.
3. **RUBBERS.** Always use new rubbers. Color has nothing to do with quality of rubbers if they will withstand following tests:
 1. Insert both forefingers and stretch slightly to see if elastic. After being stretched it should come back to its original shape. Put stretched rubber in with others, it should not show increased size.

BE ready to offset any ailment in your flock, to stamp out colds, clean up scaly leg, stop cholera and white diarrhoea, eradicate roup.

PRATTS POULTRY REMEDIES

include preparations for all common diseases—each a standard medicine, endorsed by poultry authorities and guaranteed

"Your Money Back If YOU Are Not Satisfied"

2. Press a fold of ring on same spot, first on one side and then on the other; if cracked appearance results, discard.
3. Each rubber should measure $2\frac{1}{4}$ inches inside diameter and should be one-twelfth inch thick, that is, one dozen should measure 1 inch.
4. KETTLES, PANS, WIRE BASKET OR LARGE SQUARES OF CHEESE CLOTH, SHARP KNIVES, VEGETABLE BRUSH.

Steps in Canning by the One Period Cold-Pack Method

1. BOIL JARS, CAPS AND RUBBERS for 15 minutes immediately before they are used. Have all other equipment ready before starting.
2. SELECT only fresh, firm, sound products.
3. GRADE the products for size and ripeness.
4. PREPARE the products for canning—wash, brush, peel, string, etc.
5. SCALD OR BLANCH—Plunge all vegetables and all fruits except soft ones in boiling water or live steam. (See table on page 27 for required time.)
6. COLD DIP—Plunge product in cold water long enough to cool. (A few seconds to a minute.)
7. COLD PACK—Further prepare product by skinning, slicing, or grinding, and pack in hot jars that have been in boiling water 15 minutes.
8. FILL WITH LIQUID—Wipe around top of jar with clean cloth, then put on wet rubber. Fill jar with hot water and 1 teaspoon salt to quart jar for vegetables, or with hot sirup for fruits.
9. ADJUST COVER AND PARTIALLY SEAL.
 1. Screw top jar—Screw top on tight and then reverse a quarter of a turn.
 2. Glass top jar—Fasten top spring only. Leave side spring loose.
 3. Vacuum seal jar—Adjust cover and spring.
10. PROCESS—Place jars on false bottom in hot water bath, have water at least one inch above tops of jars. Do not begin to count required time until water boils. Water must boil all the time. When required time is up remove jars immediately. (See table on page 27 for required time.)
11. FINAL SEALING—As soon as taken out of boiling water, examine rubber, complete the seal by screwing cover tight or adjusting shoulder spring.
12. TESTING—Invert to test the joints for leaks.
13. STORING—Label, protect from light to prevent fading.



Miscellaneous Measures

24 sheets paper	1 quire
20 quires	1 ream
6 feet	1 fathom (marine)
4 inches	1 hand (horses)

TURN to the proper page of **PRATTS COMPLETE POULTRYMAN'S HANDBOOK**—it's there. Nearly everything about Poultry Raising is discussed, and by a well known authority. Worth at least a dollar but mailed for 10 cents, stamps or silver. Write Pratt Food Company, Philadelphia.

Time-Table for Canning Fresh Vegetables, Fruits and Meats

PRODUCTS	Blanch in Boiling water Minutes	Process in hot water bath Minutes
Asparagus.....	5	120
Beans.....	5-10	120
Beets.....	5	90
Carrots.....	5	90
Cauliflower.....	3	60
Corn.....	5-10	180
Greens.....	15	120
Mushrooms.....	5	90
Parsnips.....	5	90
Peas.....	5-10	180
Pumpkin.....	3	120
Squash.....	3	120
Tomatoes.....	1½	22
Vegetable Combinations.....	5-10	180

PRODUCTS	Blanch in Boiling water Minutes	Process in hot water bath Minutes
Apples.....	1½	20
Berries.....	..	16
Cherries.....	..	16
Currants.....	..	16
Gooseberries.....	½	16
Peaches.....	½	16
Pears.....	1½	20
Plums.....	..	16
Rhubarb.....	2	20
Meats, raw.....	3-5	180
Meats, cooked until ¾ done.....	..	120
Fish, fresh.....	3-5	180
Fish, cooked.....	..	120
Poultry and wild game.....	Same as meat	

Plantings on an Acre of Ground

The number of trees, bushes or plants that you can put on an acre is shown here. You can easily figure out the number for smaller pieces of land:

Set 18 inches each way.....	19360
Set 2 feet each way.....	10890
Set 2 x 3 feet.....	7260
Set 2 x 4 feet.....	5445
Set 3 x 3 feet.....	4840
Set 3 x 4 feet.....	3630
Set 4 x 4 feet.....	2722
Set 5 x 5 feet.....	1742
Set 6 x 6 feet.....	1210
Set 8 x 8 feet.....	680
Set 10 x 10 feet.....	435
Set 15 x 15 feet.....	193
Set 20 x 20 feet.....	108
Set 25 x 25 feet.....	69
Set 30 x 30 feet.....	48
Set 40 x 40 feet.....	27

+

In Planting an Acre—Seed Required

Alfalfa.....	12 to 16 pounds
Barley.....	2½ bushels
Beans.....	1½ bushels
Buckwheat.....	1 bushel
Clover.....	16 pounds
Corn.....	4 to 6 quarts
Oats.....	3 bushels
Potatoes, cut.....	16 bushels
Rye.....	1½ bushels
Sweet clover.....	18 pounds
Tomato.....	¼ pound
Turnip.....	2 bushels
Vetch.....	1 bushel
Wheat.....	2 bushels

“YOUR MONEY BACK IF YOU ARE NOT SATISFIED” with any of the Pratt Products, from the smallest package to the biggest shipment. Could any guarantee be plainer or stronger? It means all that it says and your dealer will refund purchase price without question.

Weights and Measures in General Use in the U. S.

Avoirdupois Weight

27 11-32 grains	1 dram
16 drams	1 ounce
16 ounces	1 pound
25 pounds	1 quarter
4 quarters or 100 lbs.	1 cwt.
2000 pounds	1 short ton
2240 pounds	1 long ton

Dry Measure

2 pints	1 quart
8 quarts	1 peck
4 pecks	1 bushel
36 bushels	1 chaldron

Liquid Measure

4 gills	1 pint
2 pints	1 quart
4 quarts	1 gallon
3 1/2 gallons	1 barrel
2 barrels	1 hogshead

Long Measure

12 inches	1 foot
3 feet	1 yard
5 1/2 yards	1 rod
40 rods	1 furlong
8 furlongs or 5280 feet	1 mile
3 miles	1 league

Square Measure

144 square inches	1 square foot
9 square feet	1 square yard
30 1/2 square yards	1 square rod
40 square rods	1 rood
4 roods	1 acre
640 acres	1 square mile

Cubic Measure

1728 cubic inches	1 cubic foot
27 cubic feet	1 cubic yard
128 cubic feet	1 cord (wood)
40 cubic feet	1 ton (shipping)
2150.42 cubic inches	1 standard bushel
231 cubic inches	1 standard gallon
1 cubic foot	about 1/4 bushel

Surveyor's Measure

7.92 inches	1 link
25 links	1 rod
4 rods	1 chain
10 square chains or 160 square rods	1 acre
640 acres	1 square mile
36 square miles (6 miles square)	1 township

Lumber of any thickness is sold by board measure; one board foot of lumber meaning a piece 1 foot square and one inch in thickness.

KILL ticks, lice, mites on livestock, guard against contagious disease germs, and drive away disagreeable odors. The surest way and the easiest is by using

PRATTS DIP and DISINFECTANT

Dip for animals, spray in stables, pens and poultry houses. Unequaled for use in the household. Highly effective and sanitary. Try it.

"Your Money Back If YOU Are Not Satisfied"



Eclipses for 1920

In the year 1920 there will be four Eclipses, two of the Sun and two of the Moon.

I:—A Total Eclipse of the Moon, May 2d, visible here. The beginning visible generally in Europe, western Asia, Africa, the Indian Ocean except the eastern portion, the Atlantic Ocean, eastern North America, and South America; the ending visible generally in western Europe, western Africa, the Atlantic Ocean, North America except the extreme north-western portion, South America, and the eastern portion of the Pacific Ocean.

Eclipse is as follows:

Eastern Standard Time

D. H. M.

Moon enters penumbra,

May 2d. 5h. 49m. P. M.

Moon enters shadow,

May 2d. 7h. 1m. P. M.

Total Eclipse begins,

May 2d. 8h. 15m. P. M.

Middle of the Eclipse,

May 2d. 8h. 51m. P. M.

Total Eclipse ends,

May 2d. 9h. 27m. P. M.

Moon leaves shadow,

May 2d. 10h. 41m. P. M.

Moon leaves penumbra,

May 2d. 11h. 53m. P. M.

For Central Time deduct 1 hour;
Mountain Time 2 hours; Pacific
Time 3 hours.

II:—A Partial Eclipse of the Sun, May 17th, invisible here. Visible to greater part of Australia and the Indian Ocean.

III:—A Total Eclipse of the Moon, October 27th, invisible to eastern part of North America. The beginning visible generally in western North America, the Pacific Ocean, Australia, Asia except the western portion, and the eastern portion of the Indian Ocean; the ending visible generally in the western portion of the Pacific Ocean, Asia, Australia, the Indian Ocean, eastern Africa, and Europe except the western portion.

IV:—A Partial Eclipse of the Sun on the morning of November 10th, visible in America.

FROM a cut or bruise to a case of colic—for most of the ailments in between, there's a Pratt Remedy that brings relief.

PRATTS VETERINARY REMEDIES

for horses, cows, sheep or hogs—are considered by veterinary authorities, farmers and live-stock growers the animal medicines of a standard worth and effectiveness.

"Your Money Back If YOU Are Not Satisfied"

Planting Trees—How Far Apart

In setting out trees and bushes the distances between them, generally observed, are:

	Feet
Apples.....	30 to 40
Apples, dwarf.....	10 to 20
Apricots.....	15 to 20
Blackberries.....	4 to 8
Cherries.....	15 to 25
Currants.....	4 to 6
Gooseberries.....	4 to 6
Grapes.....	8 to 12
Quinces.....	10 to 16
Peaches.....	15 to 20
Pears.....	20 to 30
Pears, dwarf.....	10 to 16
Plums.....	15 to 20
Raspberries.....	4 to 6
Strawberries.....	1 to 1½



Chronological Cycles, 1920

Dominical Letters.....	D-C
Lunar Cycle or Golden No.....	2
Epact.....	10
Solar Cycle.....	25
Roman Indiction.....	3
Julian Period.....	6633



Ember Days, 1920

February 25, 27 and 28. May 26, 28 and 29. September 15, 17 and 18. December 15, 17 and 18.

Wedding Anniversaries

End of first year, Cotton wedding.
End of second year, Paper wedding.
End of third year, Leather wedding.
End of fifth year, Wooden wedding.
End of tenth year, Tin wedding.
End of twelfth year, Silk wedding.
End of fifteenth year, Crystal wedding.
End of twentieth year, China wedding.
End of twenty-fifth year, Silver wedding.
End of fiftieth year, Golden wedding.
End of seventy-fifth year, Diamond wedding.



Morning and Evening Stars, 1920

The Planet Venus (♀) is Morning Star until July 3d, then Evening Star balance of year.

The Planet Mars (♂) will be Morning Star until April 21st and Evening Star from then to end of year.

The Planet Jupiter (♃) begins as Morning Star and continues as such until February 3d, is then Evening Star to August 22d and Morning Star from then to end of year.

The Planet Saturn (♄) is Morning Star to February 27th, then Evening Star until September 7th and Morning Star balance of the year.

LET PRATTS POULTRY SERVICE DEPARTMENT straighten out your tangles. When a problem confronts you write at once and you'll receive a prompt, complete and personal reply from one of our poultry experts. This service is absolutely FREE. Write Poultry Service Dept., Pratt Food Co., Philadelphia.

Seasons for 1920

Eastern Standard Time

- enters ♈, Spring begins
March 20d. 4h. 59m. Evening.
- Enters ☊, Summer begins.
June 21d. 0h. 40m. Evening.
- enters ♎, Autumn begins
September 23d. 3h. 29m. Morning.
- enters ♏, Winter begins
December 21d. 10h. 17m. Evening.



Almanac Calculations for 1920

The year 1920 comprises the latter part of the 144th and the beginning of the 145th year of American Independence and corresponds to:—

The year 6633 of the Julian Period; the year 5681 of the Jewish era begins at sunset on September 12th; the year 2673 since the foundation of Rome, according to Varro; the year 2580 of the Japanese era and to the 9th year of the period entitled Taisho; the year 1339 of the Mohammedan era, or the era of the Hegira, begins at sunset on September 14th, 1920.

The first day of January 1920 is the 2,422,325 day since the commencement of the Julian Period.

Church Days, 1920

Epiphany.....	January	6
Septuagesima Sunday..	February	1
Sexagesima Sunday....	February	8
Quinquagesima Sunday.	February	15
Shrove Tuesday.....	February	17
Ash Wednesday.....	February	18
Quadragesima Sunday.	February	22
Palm Sunday.....	March	28
Good Friday.....	April	2
Easter Sunday.....	April	4
Low Sunday.....	April	11
Rogation Sunday.....	May	9
Ascension Day.....	May	13
Whit Sunday.....	May	23
Trinity Sunday.....	May	30
Corpus Christi.....	June	3
Advent Sunday.....	November	28
Christmas Day.....	December	25



Your Birth Stone

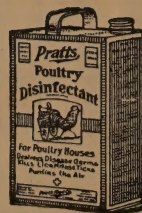
If you were born in January it's Jacinth; February, Amethyst; March, Bloodstone; April, Diamond or Sapphire; May, Emerald; June, Agate; July, Cornelian; August, Sardonyx; September, Aqua-Marine; October, Opal; November, Topaz; December, Turquoise or Ruby.

CLEAN and disinfect your poultry houses, incubators and brooders for comfort, health and safety. The sure way is to use

PRATTS POULTRY DISINFECTANT

Spray it on walls and ceilings, into cracks and crevices; and paint it on roosts and nest boxes—it kills all disease germs.

“Your Money Back If YOU Are Not Satisfied”



Gestation Table for Farm Animals

TIME OF SERVICE	MARES 340 DAYS	COWS 283 DAYS	EWES 150 DAYS	SOWS 112 DAYS
Jan. 1	Dec. 6	Oct. 10	May 30	April 22
Jan. 8	Dec. 13	Oct. 17	June 6	April 29
Jan. 15	Dec. 20	Oct. 24	June 13	May 6
Jan. 22	Dec. 27	Oct. 31	June 20	May 13
Jan. 29	Jan. 3	Nov. 7	June 27	May 20
Feb. 5	Jan. 10	Nov. 14	July 4	May 27
Feb. 12	Jan. 17	Nov. 21	July 11	June 3
Feb. 19	Jan. 24	Nov. 28	July 18	June 10
Feb. 26	Jan. 31	Dec. 5	July 25	June 17
March 5	Feb. 7	Dec. 12	Aug. 1	June 24
March 12	Feb. 14	Dec. 19	Aug. 8	July 1
March 19	Feb. 21	Dec. 26	Aug. 15	July 8
March 26	Feb. 28	Jan. 2	Aug. 22	July 15
April 2	March 7	Jan. 9	Aug. 29	July 22
April 9	March 14	Jan. 16	Sept. 5	July 29
April 16	March 21	Jan. 23	Sept. 12	Aug. 5
* April 23	March 28	Jan. 30	Sept. 19	Aug. 12
April 30	April 4	Feb. 6	Sept. 26	Aug. 19
May 7	April 11	Feb. 13	Oct. 3	Aug. 26
May 14	April 18	Feb. 20	Oct. 10	Sept. 2
May 21	April 25	Feb. 27	Oct. 17	Sept. 9
May 28	May 2	March 6	Oct. 24	Sept. 16
June 4	May 9	March 13	Oct. 31	Sept. 23
June 11	May 16	March 20	Nov. 7	Sept. 30
June 18	May 23	March 27	Nov. 14	Oct. 7
June 25	May 30	April 3	Nov. 21	Oct. 14
July 2	June 6	April 10	Nov. 28	Oct. 21
July 9	June 13	April 17	Dec. 5	Oct. 28
July 16	June 20	April 24	Dec. 12	Nov. 4
July 23	June 27	May 1	Dec. 19	Nov. 11
July 30	July 4	May 8	Dec. 26	Nov. 18
Aug. 6	July 11	May 15	Jan. 2	Nov. 25
Aug. 13	July 18	May 22	Jan. 9	Dec. 2
Aug. 20	July 25	May 29	Jan. 16	Dec. 9
Aug. 27	Aug. 1	June 5	Jan. 23	Dec. 16
Sept. 3	Aug. 8	June 12	Jan. 30	Dec. 23
Sept. 10	Aug. 15	June 19	Feb. 6	Dec. 30
Sept. 17	Aug. 22	June 26	Feb. 13	Jan. 6
Sept. 24	Aug. 29	July 3	Feb. 20	Jan. 13
Oct. 1	Sept. 5	July 10	Feb. 27	Jan. 20
Oct. 8	Sept. 12	July 17	March 6	Jan. 27
Oct. 15	Sept. 19	July 24	March 13	Feb. 3
Oct. 22	Sept. 26	July 31	March 20	Feb. 10
Oct. 29	Oct. 3	Aug. 7	March 27	Feb. 17
Nov. 5	Oct. 10	Aug. 14	April 3	Feb. 24
Nov. 12	Oct. 17	Aug. 21	April 10	March 3
Nov. 19	Oct. 24	Aug. 28	April 17	March 10
Nov. 26	Oct. 31	Sept. 4	April 24	March 17
Dec. 3	Nov. 7	Sept. 11	May 1	March 24
Dec. 10	Nov. 14	Sept. 18	May 8	March 31
Dec. 17	Nov. 21	Sept. 25	May 15	April 7
Dec. 24	Nov. 28	Oct. 2	May 22	April 14
Dec. 31	Dec. 5	Oct. 9	May 29	April 21

* TO USE THIS TABLE—Note in the "Time of Service" column the date of service, then look to the right in a straight line to the column representing animal, and the number opposite service date is the date of parturition. EXAMPLE: A cow bred April 16th is due to freshen January 23d.

Pratts,

"Quality First"

COMPLETE PRICE LIST

For the UNITED STATES, EXCEPT PACIFIC COAST STATES—On account of present abnormal conditions, all prices are subject to change without notice

POULTRY REMEDIES

PRATTS POULTRY REGULATOR

Packages, 30c., 60c. and \$1.20; 12 lb. bags, \$1.35; 25 lb. pails, \$3.00; 50 lb. bags, \$5.25; 100 lb. bags, \$10.00

PRATTS BABY CHICK FOOD

In packages and 14 lb., 25 lb., 50 lb., and 100 lb. bags

PRATTS POWDERED LICE KILLER—30c. and 60c. pkgs.

PRATTS ROUP REMEDY—Tablets or Powder—30c., 60c. and \$1.20 pkgs.

PRATTS CHICKEN CHOLERA REMEDY—30c. and 60c. pkgs.

PRATTS CONDITION TABLETS 30c. and 60c. pkgs.

PRATTS GAPE REMEDY 30c. and 60c. pkgs.

PRATTS SCALY LEG REMEDY 30c. and 60c. boxes

PRATTS RED MITE SPECIAL 1 qt. 50c.; 2 qts. 90c.; 1 gal., \$1.50

PRATTS POULTRY DISINFECTANT AND LIQUID LICE KILLER

1 qt., 60c.; 2 qts., \$1.00; 1 gal., \$1.75

PRATTS WHITE DIARRHOEA REMEDY—30c. and 60c. pkgs.

PRATTS SORE-HEAD CHICKEN-POX REMEDY—30c. and 60c. pkgs.

PRATTS BRONCHITIS REMEDY 30c. and 60c. pkgs.

PRATTS HEAD LICE OINTMENT 30c. boxes

PRATTS LICE SALVE 30c. and 60c. tubes

ANIMAL REMEDIES

PRATTS ANIMAL REGULATOR

Packages, 30c., 60c. and \$1.20; 12 lb. pails, \$2.50; 25 lb. pails, \$4.00; 50 lb. bags, \$6.50; 100 lb. bags, \$12.00

PRATTS CONDITIONER FOR HORSES AND CATTLE

(Formerly called "Pratts Food for Horses and Cattle")

7 lb., 12 lb., 25 lb., 50 lb. and 100 lb. bags

PRATTS COLIC REMEDY 75c. and \$1.50 bottles

PRATTS DISTEMPER AND PINK-EYE REMEDY—60c. bottles

PRATTS HEALING OINTMENT 30c. and 60c. boxes

PRATTS BAG OINTMENT 35c. and 70c. boxes

PRATTS SPECIALLY PREPARED WORM POWDER—60c. and \$1.20 pkgs.

PRATTS COW REMEDY Packages 60c. and \$1.20; 12 lb. pails, \$2.75; 25 lb. pails, \$5.00

PRATTS FLY CHASER 2 qts., 90c.; 1 gal. \$1.50

PRATTS LINIMENT 30c., 60c. and \$1.20 bottles

PRATTS HEALING POWDER 30c. boxes

PRATTS HEAVE, COUGH AND COLD REMEDY—60c. and \$1.20 pkgs.

PRATTS CALF MEAL In 25 lb., 50 lb. and 100 lb. bags

PRATTS HOG TONIC 60c. and \$1.20 pkgs.; 25 lb. bags, \$2.75; 100 lb. bags, \$10.00

PRATTS DIP AND DISINFECTANT

1 qt., 60c.; 2 qts., \$1.00; 1 gal., \$1.75. Also in 5 gal. cans, 10 gal. cans, and 30 gal. and 50 gal. barrels

Established, 1872



PRATT'S FOOD COMPANY

GUARANTEE



We guarantee all our
preparations to do exactly
what we claim for them.

If they fail to satisfy you
we authorize our dealer to
promptly refund your money.

PHILADELPHIA, PA. — CHICAGO, ILL. — TORONTO, CANADA

J. S. Pratt
President

In Use 48 Years